

MISSOURI
AIR CONSERVATION COMMISSION
BRIEFING DOCUMENT

September 29, 2005



**MISSOURI DEPARTMENT
OF NATURAL RESOURCES**

Air and Land Protection Division

Air Pollution Control Program

NOTICE OF OPEN MEETING

Persons with disabilities requiring special services or accommodations to attend the meeting can make arrangements by calling the Air Pollution Control Program directly at (573) 751-4817, or by calling the division's toll-free number at 1-800-361-4827. Hearing impaired persons may contact the program through Relay Missouri, 1-800-735-2966. Please visit our web site at www.dnr.mo.gov.

Environmental Reception
Greater Kansas City Chamber of Commerce
Radisson Hotel & Suites
1301 Wyandotte
Kansas City, MO 64105
September 28, 2005
5:00 p.m. to 7:00 p.m.

AGENDA
Missouri Air Conservation Commission Meeting
Radisson Hotel & Suites
1-800-333-3333
Salon A
1301 Wyandotte
Kansas City, MO 64105
September 29, 2005
9:00 a.m.

	Page #	
A. Call to Order		Mike Foresman
B. Minutes from August 25, 2005 (Approval Requested)	1	Mike Foresman

C. Reports - (discussion)

1. Complaint Report	15	Steve Feeler
2. Settlement Report	47	Steve Feeler
3. Permit Reports	57	Kyra Moore
4. Operations Report	85	Wayne Graf
5. Director's Report		Jim Kavanaugh
6. 2005 Air Quality Summary	159	Calvin Ku

D. Unfinished Business

None.

E. Public Hearing

10 CSR 10-6.010 (amendment) Ambient Air Quality Standards	87	Paul McConnell
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This proposed amendment will adopt the new 8-Hour Ozone and Particulate Matter 2.5 Micron National Ambient Air Quality Standards finalized on July 18, 1997, and mandated under the Clean Air Act into the ambient air quality standards table. The Methods and Concentration columns in this table have also been switched for rule clarity.

10 CSR 10-6.020 (amendment) Definitions and Common Reference Tables	93	Paul McConnell
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This proposed amendment will add definition for PM_{2.5} terminology related to particulate matter emissions and total suspended particulate matter will be clarified and technical titles to the hazardous air pollutants listed in the common reference tables will be corrected. These new definitions and updates are necessary for performing emissions sampling and calculations necessary for the enforcement of air pollution control regulations throughout Missouri.

**10 CSR 10-6.030 (amendment) Sampling Methods for
Air Pollution Sources**

137 Paul McConnell

This proposed amendment will update adopted Federal reference methods for the new PM_{2.5} Ambient Air Quality Standards finalized on July 18, 1997, and mandated under the Clean Air Act. These methods are for performing emissions sampling necessary to determine compliance status for these pollutants throughout Missouri.

10 CSR 10-6.040 (amendment) Reference Methods

143 Paul McConnell

This proposed amendment will update Federal reference methods for the new 8-hour ozone and PM_{2.5} Ambient Air Quality Standards finalized on July 18, 1997, and mandated under the Clean Air Act. These are methods for calculations necessary to determine compliance status for these pollutants in areas throughout Missouri.

F. Recommended for Adoption and Actions to be Voted on

None.

G. New Business

Attorney General's Office Referrals (Approval Requested)

Steve Feeler

Dean Sumpter d/b/a Sumpter & Son Pallet
Jerry Milstead d/b/a Milsteads 131 Drive-In
Mr. Rocky Keirn
Gaines Wrecking Company

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Necessity Findings (Approval Requested)

Wayne Graf

10 CSR 10-6.061 Construction Permit Exemptions

H. Appeals and Variance Requests

None.

I. Open Session

This segment of the meeting affords citizens an opportunity to voice concerns to the commission on air quality issues. Please be advised, comments on specific rulemakings need to be provided as testimony, under oath, during the formal process of the public hearing for that rulemaking.

J. Future Meeting Dates

October 26, 2005 – Jefferson City

Tour of Johnson Controls
2730 West Main Street
Jefferson City, MO 65109
(573) 893-4443
2:00 p.m.

October 27, 2005 – Jefferson City

Governor Office Building
Room 450
200 Madison Street
Jefferson City, MO 65101

December 8, 2005 – Springfield

University Plaza Hotel
1-417-864-7333
Colorado Room
333 John Q. Hammons Parkway
Springfield, MO 65806

February 2, 2006 – Jefferson City

Elm Street Conference Center
1738 East Elm Street
Lower Level
Roaring River Conference Room
Jefferson City, MO 65101

March 30, 2006 – Jefferson City

Elm Street Conference Center
1738 East Elm Street
Lower Level
Roaring River Conference Room
Jefferson City, MO 65101

April 27, 2006 – Jefferson City

Elm Street Conference Center
1738 East Elm Street
Lower Level
Roaring River Conference Room
Jefferson City, MO 65101

May 25, 2006 – West Plains

Meeting Room Pending

June 29, 2006 – Jefferson City

Governor Office Building
Room 450
200 Madison Street
Jefferson City, MO 65101

July 20, 2006 – St. Louis

Meeting Room Pending

August 31, 2006 – Jefferson City

Governor Office Building
Room 450
200 Madison Street
Jefferson City, MO 65101

September 28, 2006 – Kansas City

Meeting Room Pending

October 26, 2006 – Jefferson City

Elm Street Conference Center
1738 East Elm Street
Lower Level
Roaring River Conference Room
Jefferson City, MO 65101

December 7, 2006 – Jefferson City

Elm Street Conference Center

1738 East Elm Street

Lower Level

Roaring River Conference Room

Jefferson City, MO 65101

K. Discussion of Pending Litigation and Legal Matters

Tim Duggan

(This portion of the meeting may be closed, pursuant to Section 610.021 (1), RSMo, after a vote by the Commission.)

L. Meeting Adjournment

Mike Foresman

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MINUTES
MISSOURI AIR CONSERVATION COMMISSION
Governors Office Building
Room 450
200 Madison Street
Jefferson City, MO 65101
August 25, 2005
9:00 a.m.

Commissioners Present

Jack C. Baker, Member
Mark A. Fohey, Member
Michael Foresman, Chairman
Mark S. Garnett, Member
Kevin L. Rosenbohm, Member

Commissioners Absent

Dennis Voisey, Member

Staff Members Present

Tim Duggan, Attorney General's Office (AGO)
David Gilmore, Commission Secretary, Air Pollution Control Program (APCP)
Wayne Graf, Operations Section, APCP
Richard Hall, Compliance/Enforcement Section, APCP
Ron Jeffries, Operations Section, APCP
Cliff Johnson, Compliance/Enforcement Section, APCP
Jim Kavanaugh, Operations Section Chief, APCP
Carolyn Kliethermes, Operations Section, APCP
Sarah McMichael, Public Information Specialist, APCP
Kyra Moore, Permits Section Chief, APCP
Paul Myers, Operations Section, APCP
Chris Nagel, Compliance/Enforcement Section, APCP
Gus Ralston, Kansas City Urban Outreach Office
Omer Roberts, Environmental Assistance Office
Daniel R. Schuette, Director, Division of Environmental Quality
Missy Seeligman, Program Secretary, APCP
Layli Terrill, Environmental Assistance Office
Lucy Thompson, Environmental Assistance Office
Leanne Tippet Mosby, Director, APCP

Others Present by Attendance Record

Mike Alesandrini, E³quilibrium, Incorporated
Amy Algae-Eakin, Environmental Protection Agency (EPA) Region VII
Jack Barsanti, Armstrong, Teasdale LLP
Karl Barke, Springfield Air Quality Control
Robert Brundage, Newman, Comley & Ruth, P.C.

Dave Fraley, City Utilities of Springfield
Sean Gallagher, American Petroleum Institute
Garrett Hawkins, Missouri Farm Bureau
Bill Henry, BASF
Kevin Perry, REGFORM
Michael Manning, Kansas City Health Department
Marty Miller, Newman, Comley & Ruth, P.C.
Shaen Rooney, The Empire District Electric Company
Steve Rudloff, Missouri Limestone Producers Association
Chris Schreiber, Schreiber Engineering, LLC
Hannah Schreiber
David Shanks, Boeing
Charles Shell, Shell Engineering & Associates
Steven Whitworth, Ameren Services
J. Brad Willett, BASF

A. Call to Order

Chairman Mike Foresman called the August 25, 2005, meeting of the Missouri Air Conservation Commission to order. Chairman Foresman noted the following commissioners were present: Jack Baker, Mark Fohey, Mike Foresman and Mark Garnett. Commissioner Garnett was delayed for a portion of the meeting.

B. Minutes, August 25, 2005, Meeting

Commissioner Mark Fohey moved to approve the minutes as written. Commissioner Kevin Rosenbohm seconded the motion and all commissioners voted to approve the minutes.

C. Reports - The following referenced reports are in the August 25, 2005, Missouri Air Conservation Commission Briefing Document.

1) COMPLIANCE/ENFORCEMENT

Chris Nagel, Compliance Unit Chief, addressed the commission and mentioned the Complaint Report included the months of June and July. Mr. Nagel stated that Renewable Environmental Solutions (RES) complaints begin on Page 43 and continue through Page 85 of the Complaint Report. The bulk of those pages are odor issues. Mr. Nagel noted Steve Feeler did send out a settlement offer for five of their Notices of Violations on August 5, 2005.

Chairman Foresman said he saw something in the newspaper about a lawsuit from the Attorney General's Office (AGO).

Leanne Tippet Mosby replied that the AGO did file a lawsuit a few months back. Tim Duggan acknowledged she was correct.

Mr. Nagel continued with the Settlement Report.

Chairman Foresman inquired as to why there were still a lot of asbestos violations since the regulations were fairly straightforward.

Ms. Tippet Mosby replied she thought it was because asbestos touches everyone in the state. Everyone is potentially regulated by the asbestos rules. As much as the program tries to disseminate information and work with municipalities across the state, there is a lack of education and a lot of confusion about asbestos rules and what is required.

Mr. Nagel noted the program did conduct odor surveillance at Premium Standard Farms (PSF) on the dates of July 12, 13, 14, 23, 24 and 25, 2005. The odor surveillance was conducted at the PSF facilities of Whitetail, Green Hills, Valley View, and Summerset. During those investigations, there were no odor violations detected or reported. The weather patterns were variable during those time periods, which may have contributed to the lack of detection of odors.

2) PERMITS

Kyra Moore referred the commission to the Permit Reports beginning on Page 13. In the month of July, the program received 53 construction permit projects and 29 operating permit projects. The Permit Applications Completed Report begins on Page 23. In July, the program completed 62 construction permit projects and 42 operating permit projects.

Ms. Moore referred the commission to the Operating Permit Progress Report beginning on Page 36. Five Part 70 operating permits are on public notice: Dairy Farmers of America in Monet; Courtney Ridge Recycling and Rumble Ridge Recycling are both in Sugar Creek; the ANR Pipeline Facility in Graham; and Conoco Phillips in Mount Vernon.

No date has been set for the Kansas City Power and Light (KCPL) public hearing. The program is working through some of the last details with KCPL on the technical review and is working to finalize their permit. Ms. Moore stated she anticipated the public notice procedure to start within the next several weeks.

Associated Electric Cooperative, Incorporated (AECI) has made the news recently on their proposed coal-fired power plant in Carroll County. The program has

spoken with AECI on this project, but has not received an application. AECI has informed the program they plan to submit an application probably around April of next year.

Chairman Foresman inquired as to where Carroll County is geographically located in the state.

Ms. Moore replied that it is located in the North Central part of the state, north of I-70 near Norborne, Missouri.

Commissioner Baker noted there were a couple of sites there.

Ms. Moore replied that there are several proposed sites that AECI is considering and they have backup sites as well.

3) OPERATIONS

Jim Kavanaugh referred the commission to the three Operations reports beginning on Page 37 with the Rules and SIP Agenda followed by the Rules in Progress Schedule on Page 51 and the State Air Quality Plans Status Report on Page 55.

Mr. Kavanaugh noted there were no rule makings for a public hearing. However, the program did have two adoption items that it would request the commission's approval on.

Mr. Kavanaugh offered to have informational presentations on any topic the commission was interested in hearing at future meetings.

The program had its first Clean Air Interstate Rule workgroup meeting on August 17, 2005. The first meeting was informational. The meeting was well attended with about 30 to 35 attendees. Those in attendance were the Sierra Club, Coalition for the Environment, Public Service Commission, Department of Health, Energy Center, representatives from Electric Generating Utilities and others. The program was pleased with the participation it received. The next meeting is scheduled for September 14, 2005.

On August 1, 2005, EPA published a rulemaking that proposed a Federal Implementation Plan (FIP) for 28 states. Typically, a FIP is issued when a state fails to implement or develop a State Implementation Plan (SIP) in response to an EPA action. FIPs are sometimes in addition to sanctions and remain in place until a state develops their own plan. This FIP establishes a model for Missouri to follow. There are some advantages to using the model rule, such as national consistency and certainty. The FIP leaves but a few decision items for states to make such as using EPA trading program, limit to Electric Generating Utilities only Opt-In provisions, allowance allocations and reporting requirements. The

rule also allows for an abbreviated state plan. This issue is something the workgroup will work through in the upcoming meetings.

President Bush signed a Transportation Bill on August 10, 2005. That is important to Missouri, as discussed over the last several months. When EPA designated the Kansas City area as in attainment with the 8-hour standard, Kansas City was in jeopardy of losing millions of dollars of Congestion Mitigation Air Quality (CMAQ) federal funds to support efforts to keep the area in attainment. This new bill has language that allows areas, like Kansas City that have to submit an air quality plan, to be eligible for CMAQ funding. It is not known at this time how much Kansas City will be getting and how that will compare to what the area was previously receiving.

The Open Burning Workgroup was started to see if the Open Burning rule could be revised to clarify ambiguity, eliminate inconsistencies and to look at different ways to approach an outreach and education effort. The second meeting on August 23, 2005, had approximately 20 attendees. The state fire marshal, the Department of Transportation, the Department of Conservation, local air agencies, Missouri Department of Agriculture, local fire departments, and some representatives from the contractor industry attended. There are currently four separate open burning rules throughout the state. The rules focus on what the public can not burn. One idea is to start with what can be burned, what can be burned with conditions and then what can not be burned. The majority of complaints statewide involve open burning. If the program can have more outreach, more education, and simplify the rule, maybe we can turn that around. The next meeting for the Open Burning Workgroup is scheduled for September 27, 2005.

August 12, 2005, was the deadline for animal feeding operations to sign up with EPA on its compliance agreement. When animal feeding operations sign the agreement, they agree to participate in a two year monitoring program starting sometime in early 2006. It is anticipated this agreement will help EPA and scientists determine emissions and methods of controlling emissions. EPA has stated there were over 2,000 animal feeding operations signed up. It is not known how many animal feeding operations in Missouri have signed the agreement. EPA is still evaluating to determine if they have a good cross section of all the different types of animal operations.

Chairman Foresman inquired if there was a limit on the size of the animal feeding operations that could participate in this agreement.

Mr. Kavanaugh replied that he was not sure how it was defined. He thought smaller farms could participate and asked Robert Brundage if smaller farms were included. Mr. Brundage confirmed that smaller farms were included.

4) DIRECTOR'S REPORT

a) I/M Summit

Leanne Tippet Mosby addressed the commission and noted she, Haskins Hobson and Sarah McMichael had attended a town-hall meeting regarding I/M program in St. Louis. The program had the opportunity to hear concerns about the vehicle emissions testing program.

The program had its third I/M Summit meeting on August 19, 2005.

Chairman Foresman inquired as to how the meetings were going.

Ms. Tippet Mosby replied the meetings have gone very well. The first two meetings focused on getting everyone up to speed on what kinds of issues needed to be reviewed. Examples include: whether to have a centralized or decentralized program; what kind of cars will be tested; what kind of test will be used; and what the geographic area the program will cover. The third meeting focused on decisions. There seemed to be a lot of interest in reverting back to a decentralized program. That idea may be more possible now than it was in the past due to changes in vehicle emissions testing technology.

The goal of this group is to come up with a white paper and provide it to the General Assembly as a decision-making tool. The next meeting is scheduled for Thursday, September 1, 2005 at the South Service Center. The program will provide the commission with the meeting information.

b) Air Program Advisory Forum

The Air Program Advisory Forum met on Wednesday, August 24, 2005. EPA attended the meeting. The EPA has some issues with the permit-by-rule provisions in 10 CSR 10-6.062. EPA Region VII does not like what they call "Notice and Go Permits". The rule basically states that upon notification to the state, a facility can act under this rule, and this is your permit. EPA would like to see some opportunity for the state to have a way to say, "No this is not valid," or, "No we do not believe this applies to you." EPA would like some grace period or waiting period rather than just say, "upon notification." The program wanted to bring that issue back to the Air Program Advisory Forum group instead of just making a decision on which direction to go. Essentially, there are three options. One is to withdraw the rule from consideration in the SIP and come back to the commission with a change. A second option is to tell EPA to disapprove it, promulgate that in the Federal Register and there would be a

comment period and Region VII would eventually make the decision. There is no reason to believe EPA would change their mind. They would probably eventually decide to disapprove the rule, which then would make it subject to judicial review if someone wanted to take it that far. The third option is one suggested by EPA. EPA told the program that if there was some mechanism for the program to show them our intent on how we will carry out the rule, such as a resolution from the commission, then they would promulgate a conditional approval in the Federal Register. The condition would be that the program would go back and change the rule to incorporate the change allowing some advance review period. Several volunteers from the Air Advisory Forum are going to draft a resolution for the commission's consideration. The draft will probably be ready for the commission in September, but the resolution will require a public notice period. Therefore, the draft probably will not be ready for adoption consideration until the October commission meeting. The program will keep the commission informed as it moves ahead on this issue.

There was also a technical discussion on how to determine PM_{2.5} emissions. There are a lot of issues with the testing methods and coming up with the right way to test. The dialogue has been opened on that issue.

c) Reorganization Announcement

Ms. Tippet Mosby stated that Director Childers announced the Division of Environmental Quality (DEQ) has been reassembled. With the exception of the Environmental Services Program (ESP), all of the same media programs that were formerly in the DEQ, have been put back together. ESP, which is the department's lab, has been placed under the Division of Field Services.

Some personnel changes have been made. Jim Macy, formerly the Director of the Kansas City Regional Office, was made the Director of the Division of Field Services. Mr. Macy has two deputies; Bruce Martin and Adam Gresham. Daniel Schuette is the director of DEQ. There will be continued announcements over the next few months as the department works through details of the reorganization.

D. Unfinished Business

None.

E. Public Hearing

None.

F. Recommended for Adoption or Actions to be Voted on

Paul Myers presented comments and responses to 10 CSR 10-1.030 (new rule) Air Conservation Commission Appeals and Requests for Hearings. Information on the order of rule making begins on Page 41 of the briefing document.

Commissioner Jack Baker moved to adopt the order of rule making as revised. Commissioner Mark Fohey seconded the motion and all commissioners voted to adopt the proposed rule.

Chairman Foresman noted that he asked Tim Duggan if he felt comfortable with the changes made to the rule since significant changes had been made to it since the last meeting. Chairman Foresman noted that Mr. Duggan was comfortable with the changes.

Ron Jeffries presented comments and responses to 10 CSR 10-6.110 (amendment) Submission of Emission Data, Emission Fees and Process Information. Information on the order of rule making begins on Page 45 of the briefing document.

Chairman Foresman inquired as to how the other 38 percent of the Emission Fee revenue was used if 62 percent of the Emission Fee Revenues was used to operate the program.

Ms. Kliethermes explained that the total funding for the Air Pollution Control Program, 62 percent of that total is from fees. The other is Asbestos, I/M and federal funds.

Chairman Foresman noted that Commissioner Garnett was present. He stated that as owner of a company that pays significant fees, Commissioner Garnett can not vote on this issue.

Commissioner Garnett said he would abstain on the vote.

Chairman Foresman stated that was agreeable.

Commissioner Baker moved to adopt the order of rulemaking as revised with the exception that the fees should be set at \$34.50 per ton. Commissioner Fohey seconded.

Commissioner Baker commented the utilities have a tendency to pass rate increases on to the consumer. Commissioner Baker commented that he hoped the commission, in conjunction with industry, could go to the state legislature and request funding for the program. A lot of the other states have funding from general revenue. The program is important. Everybody wants clean air and a good environment to live in. However, the fee is not equitable the way it is right now. In time, the \$40.00 cap will be reached and other options need to be explored now on how to obtain funding.

Chairman Foresman commented that on the other side of that issue, industry keeps reducing emissions. In order to account for the reduction in tons of emissions, the fee will have to be raised. Before the Title V and fee structure, the General Assembly appropriated money for the program to cover a significant portion of its operating costs. As the fees came in, the General Assembly kept pulling money back to the point where they did not support the program at all. In 2004, the General Assembly also took over \$600,000 of interest that had been accrued by the program by starting the fees early. Chairman Foresman stated that he agreed with Commissioner Baker. It is critical for industry and department staff to work with the legislature this year to get some basic funding formula in place for the program.

All commissioners voted to adopt the order of rulemaking as revised. Commissioner Garnett abstained from voting.

Commissioner Baker stated that since the motion passed, the commission needs to work with legislators and try to get started on addressing the funding issue as soon as possible. The legislature needs to be aware the program is necessary for the State of Missouri to prosper.

G. New Business

a) Premium Standard Farms Presentation

Mr. Brundage gave a presentation to the commission concerning technology that Premium Standard Farms (PSF) is working on to reduce odor emissions and better manage wastewater. The presentation also detailed some work PSF has been doing pursuant to a consent decree signed with EPA. This work includes air monitoring to help determine types and quantities of emissions, and testing the efficiency of the permeable lagoon covers.

Commissioner Rosenbohm inquired as to the life expectancy or recovery time of PSF's Advance Nitrification and Denitrification system. Commissioner Rosenbohm also inquired about the economics of that venture for PSF.

Mr. Brundage replied that the Whitetail Advance Nitrification and Denitrification system is pure cost out of PSF's pocket. There is some tradeoff when PSF has

land application cost where it hires people and the infrastructure to land apply the effluent. When examining the fertilizer plant, a higher price can be achieved for a fertilizer that is of this nature if it is used as a turf fertilizer rather than a commercial fertilizer that is put on crop ground in Missouri. Due to the high cost, this venture will probably not make a profit. However, if PSF breaks even and is able to manage the effluent and odor on its property, then it can be a win-win situation for everybody.

Chairman Foresman commented that the commission appreciated the update.

b) AGO Referrals

Mr. Nagel presented a referral request for Morgan Development Company. Information on the proposed referral begins on Page 71 of the briefing document. Mr. Nagel noted Ms. Tippet Mosby had some comments to make in regards to the referral.

Ms. Tippet Mosby stated that she spoke with Mr. Morgan and he was unable to attend the meeting due to health reasons. Mr. Morgan inquired about deferral of his case until the October 2005 commission meeting in Jefferson City since it is a shorter distance for him to travel. Ms. Tippet Mosby did convey to Mr. Morgan that the commission did have the option of referring his case to the AGO or deferring a decision on his case until a later date. Either way, there would be an opportunity for continued negotiations. Mr. Morgan did indicate his willingness to discuss his case to see if some resolution could be reached without filing suit.

Chairman Foresman deferred Mr. Morgan's case to the October 2005 commission meeting in Jefferson City.

Mr. Nagel presented a referral request for Ron Sells. Information on the proposed referral begins on Page 73 of the briefing document.

Ms. Tippet Mosby noted that the program did notify Mr. Sells that his case would be heard before the commission today and that he did have the opportunity to submit something in writing. Nothing was received from Mr. Sells.

Commissioner Fohey moved to refer Ron Sells to the AGO. Commissioner Rosenbohm seconded the motion. All commissioners voted for referral to the AGO.

H. Appeals and Variance Requests

None.

I. Open Session

There were no requests to address the commission.

J. Future Meeting Dates

September 28, 2005 – Kansas City

Greater Kansas City Chamber of Commerce
Environmental Conference
Meeting Room Pending

September 29, 2005 – Kansas City

DoubleTree Hotel / Radisson Hotel & Suites
Salon A
1301 Wyandotte
Kansas City, MO 64105

October 26, 2005 – Jefferson City

Tour of Johnson Controls
2730 West Main Street
Jefferson City, MO 65109
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May 25, 2006 – West Plains

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Ms. Tippet Mosby noted that last month the commission approved the Jefferson City locations and dates for the 2006 commission meetings.

Chairman Foresman inquired if there were dates that it would be convenient to be in St. Louis based on rulemaking.

Mr. Kavanaugh replied that it was too early to determine, but did recommend that midsummer might be a good time for the SIP process update.

Commissioner Foresman recommended that the July 2006 commission meeting be held in St. Louis and the May 2006 commission meeting be held in West Plains. It was determined that all other 2006 commission meetings [except for the September 28, 2006, meeting in Kansas City] would be held in Jefferson City unless determined at a later date that a different city would be appropriate.

K. Discussion of Pending Litigation and Legal Matters

None.

L. Missouri Air Conservation Commission

Commissioner Rosenbohm moved to adjourn the August 25, 2005, Missouri Air Conservation meeting. Commissioner Garnett seconded; all commissioners voted to adjourn the meeting.

Chairman Foresman adjourned the August 25, 2005, Missouri Air Conservation Commission meeting.

Respectfully submitted,

Leanne Tippet Mosby, Director
Air Pollution Control Program

Approved:

Michael Foresman, Chairman
Missouri Air Conservation Commission

Department of Natural Resources
Air and Land Protection Division
Monthly Air Pollution Control Program Summary Report
For All Regions - 8/1/2005 to 8/31/2005

Number of Complaints Received RE:

<i>Asbestos</i>	6
<i>Burning</i>	31
<i>Fugitive Dust</i>	17
<i>Odors</i>	72
<i>Particulate</i>	5
<i>Non-regulated</i>	0
<i>Toxics</i>	1
<i>Other</i>	20

Of the above, 7 complaints involved multiple emissions.

Total of Complaints Received:. 143

Number of Investigations of Complaints:

<i>Received during report period.</i>	112
<i>Received prior to report period.</i>	9

Total number of investigations completed: 121

Number of Sources:

<i>Non-Regulated.</i>	0
<i>In compliance with regulations.</i>	134
<i>In violation of regulations.</i>	9
<i>Referred to local air pollution agencies.</i>	0
<i>Referred to other DNR program.</i>	0
<i>Requiring follow-up surveillance.</i>	0

Number of formal notices of violation issued: 9

Department of Natural Resources
Air and Land Protection Division
Monthly Air Pollution Control Program Detail Report

note: "Cmp. Info" refers to complainant information. This is the information the department receives from the complainant and seeks to accurately reflect the nature of the allegation as it was made. Those statements of allegations do not necessarily reflect the legal standard upon which inspections would be made.

Dates Received or Inspected: 8/1/2005 **through** 8/31/2005

Region	Inspection Date	Date Received	Suspected Source Owner/Operator	City	County Name	Type of Complaint	Complainant	Inspector Initials	NOV
KCRO	8/1/2005	8/1/2005	NUMS UNIVERSITY	Maryville	Nodaway	Other	Anonymous	MRM	
Comments	Mr. Michael Miller, an inspector with the department's Kansas City Regional Office (KCRO), states the department previously inspected the plant at time of complaints. The inspection did not reveal off-site emissions. This is possibly an indoor air quality issue. The regional office inspectors will investigate further at time of the next facility inspection.								
Comp. No.	KC10312	Comp. Info	The complainant reports emissions from burning paper pellets in boiler at the university are making her sick. The complainant's house gets very dusty inside. She is having an allergic reaction to the emissions.						
KCRO	8/2/2005	8/1/2005	GLEN HARPER	Breckenridge	Caldwell	Burning	Anonymous	RAV	A2346
Comments	Mr. Richard Vani, an inspector with the KCRO, issued Notice of Violation (NOV) #A246KC for burning trade waste.								
Comp. No.	KC10282	Comp. Info	The complainant reports a neighbor is burning a flat-bed truck load of miscellaneous items such as a television set and carpet, creating noxious black fumes. The reported party is a realtor is very powerful in town.						
KCRO	8/8/2005	8/5/2005	HILL BROTHERS/ACCENT DEVELO	Platte City	Platte	Burning/Asbestos	Fire Chief Bigus	RAV	
Comments	Mr. Vani Issued NOV's A2375KC and A2378KC to Hill Brothers Construction and issued NOV's A2376KC and A2377KC to Accent Development for asbestos and open burning violations.								
Comp. No.	KC10307	Comp. Info	The complainant reports a house caught on fire during a demolition and the siding may contain asbestos.						
KCRO	8/8/2005	8/8/2005	MR. DAN THIBEAU	Smithville	Clay	Asbestos	Anonymous	RAV	A2379
Comments	Mr. Vani issued NOV #A2379KC for failing to inspect for asbestos prior to renovating a commercial building.								
Comp. No.	KC10308	Comp. Info	The complainant is concerned about asbestos in a building that is being removed.						
KCRO	8/8/2005	8/7/2005	MR. JIM PHILLIPS	Oak Grove	Lafayette	Burning	Mr. Mike Johnson/Sni ValleyFPD	MRM	A2367
Comments	Mr. Miller issued NOV #A2367KC for illegal burning of trade waste.								
Comp. No.	KC10336	Comp. Info	The Sni Valley Fire Protection Department responded to a smoke problem and found an attended illegal fire. The reported party was burning L Materials including roofing shingles, insulation, miscellaneous trash, and construction waste. The local fire department extinguished fire with a hand line.						
KCRO	8/8/2005	8/7/2005	MR. JIM PHILLIPS	Oak Grove	Lafayette	Particulate	Mr. Mike Johnson/Sni ValleyFPD	MRM	A2367
Comments	Mr. Miller issued NOV #A2367KC for illegal burning of trade waste.								
Comp. No.	KC10344	Comp. Info	The Sni Valley Fire Protection Department responded to a smoke problem and found an attended illegal fire. The reported party was burning L Materials including roofing shingles, insulation, miscellaneous trash, and construction waste. The local fire department extinguished fire with a hand line.						

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Region	Inspection Date	Date Received	Suspected Source Owner/Operator	City	County Name	Type of Complaint	Complainant	Inspector Initials	NOV
KCRO	8/8/2005	8/8/2005	E. DAVIS	Lone Jack	Lafayette	Burning	Mr. Mike Johnson/Sni ValleyFPD	MRM	A2369
Comments	Mr. Miller observed open burning of tires and appliances in Lafayette County. Mr. Miller issued NOV #A2369KC to the reported party.								
Comp. No.	KC10342	Comp. Info	The complainant reports open burning of appliance, tires, mattresses, etc. on August 7, 2005.						
KCRO	8/10/2005	7/27/2005	P K PRODUCTS	Sedalia	Pettis	Fugitive Dust/Particulate	Cathy Cali	ANS	
Comments	Ms. Adrienne Smith, an inspector with the KCRO was unable to document off-site emissions at the time of the inspection. Ms. Smith discussed possible alternative sources with complainant (such as PK Products and Tatum sandblasting).								
Comp. No.	KC10335	Comp. Info	A facility next to the complainant's mobile home is allowing paint to get on the complainants property, specifically in the pool. The complainant previously reported the facility to Mr. Aaron Woods, an inspector with the department's KCRO. The department did not issue a letter of warning or a NOV. Mr. Woods did not observe any violations at the time of the investigation.						
KCRO	8/17/2005	8/17/2005	HUNT/MARLIN QUARRY	Parkville	Platte	Fugitive Dust	Ms. Dorothy Day	RAV	
Comments	Mr. Vani did not see dust going beyond the property boundaries. Mr. Kevin Harnet of the quarry stated he would reinstall a tarp to deflect dust from the mouth of the mine. Mr. Harnet also stated the tarp had blown off during a recent storm.								
Comp. No.	KC10327	Comp. Info	The complainant states a large amount of dust and smoke is emitting from an underground quarry.						
KCRO	8/17/2005	8/17/2005	FAULTLESS STARCH COMPANY	North Kansas City	Clay	Odors	Teresa	RAV	A2380
Comments	Mr. Vani issued Notice of Excess Emissions (NOEE) #A2380KC for excess odors.								
Comp. No.	KC10328	Comp. Info	The complainant reports an odor coming from the Faultless Starch plant in North Kansas City is offensive.						
KCRO	8/18/2005	8/11/2005	MR. CHARLEY BUTTS	Holden	Johnson	Other	Anonymous	DDM	
Comments	Mr. Dennis Mullins, an inspector with the KCRO, did not observe any evidence of violations. No further action is necessary at this time.								
Comp. No.	KC10331	Comp. Info	The complainant states the reported party has a lot of trailers. He is burning and burying five old trailers and mobile homes on Highway U. The reported party has two more trailers. The complainant would like to also report illegal dumping.						
KCRO	8/18/2005	6/22/2005	MR. SONNY PAGE	Holden	Johnson	Other	Ms. Mary McIntyre	DDM	
Comments	Mr. Mullins did not observe evidence of a violation. No further action is necessary.								
Comp. No.	KC10332	Comp. Info	A full size, dark truck is hauling construction/demolition down the road today and has been for approximately two weeks. Some of the debris is falling onto Highway O, on to Southwest 500 Road, and continues down the road. The reported party is dumping the debris and burning it across the road approximately 300 feet South of the complainant's address on the west side of the road.						

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Dates Received or Inspected: 8/1/2005 through 8/31/2005									
Region	Inspection Date	Date Received	Suspected Source Owner/Operator	City	County Name	Type of Complaint	Complainant	Inspector Initials	NOV
KCRO	8/18/2005	8/18/2005	GREEN READY MIX CONCRETE	Excelsior Springs	Clay	Fugitive Dust	Mr. Tom Hyatt	RAV	
Comments Mr. Vani did not observe any fugitive dust problems during the investigation.									
Comp. No.	KC10334	Comp. Info	The complainant states continuous fugitive emissions coming the reported party's cement silo.						
KCRO	8/24/2005	8/24/2005	NATIONAL STARCH & CHEMICAL C	North Kansas City	Clay	Odors	Ms. Julie Edwards	ANS	A2374
Comments Ms. Smith issued NOEE #A2374KC for excess emissions.									
Comp. No.	KC10339	Comp. Info	The complainant reports strong sewage like odors around the Heart of America Bridge.						
KCRO	8/24/2005	8/24/2005	UNKNOWN	Kansas City	Clay	Odors	Mr. Mark Markley	ANS	A2374
Comments Ms. Smith noted there were many other complaints at this location at approximately the same time. Ms. Smith issued NOEE #A2374KC for excess emissions.									
Comp. No.	KC10340	Comp. Info	The complainant reports a very strong odor of garbage at the Paseo Bridge and the Missouri River bridge crossing (North Oak Trafficway/Burlington Street).						
KCRO	8/29/2005	8/24/2005	MR. WAYNE GIERSBACH	Oak Grove	Buchanan	Burning	Ms. Shell Riggs	ANS	
Comments Ms. Smith issued a letter of warning to the reported party.									
Comp. No.	KC10341	Comp. Info	The complainant states the reported party is collecting scrap metal, venting refrigerant, burning plastics, and other things. At one time, she found out her son had held a line while the reported party cut the line releasing a refrigerant. The complainant was upset and complained to the reported party. He shrugged and continued his business.						
KCRO	8/30/2005	8/30/2005	JE DUNN CONSTRUCTION	Independence	Jackson	Fugitive Dust	Sanu Nye, Mgr/Pepperwood Apts.	RAV	
Comments Mr. Vani states the rock crusher is no longer at the site. He discussed the fugitive dust regulation with Mr. Royal, of JE Dunn Construction. Mr. Vani did not issue any violations at the time of the investigation.									
Comp. No.	KC10338	Comp. Info	The complainant reports fugitive dust coming from the construction of a hospital, especially from a rock crusher. The complainant has spoken to the construction company and they water the roads for a couple of days, but they stopped watering roads and started operating a crusher. The dust is causing complaints from apartment residents						
KCRO	8/30/2005	8/30/2005	LAKE LOTAWANNA, CITY	Lake Lotawana	Jackson	Odors	Ms. Lynn Harris	RAV	
Comments At 12:55 p.m. Mr. Vani detected faint wastewater odors. These odors were not detected with a scentometer.									
Comp. No.	KC10337	Comp. Info	The city of Lake Lotawanna's lagoons have a bad odor. This facility is in the process of obtaining a construction permit from the department's Water Pollution Control Program to replace the lagoons with a mechanical plant.						

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Dates Received or Inspected: 8/1/2005 **through** 8/31/2005

Region	Inspection Date	Suspected Source Owner/Operator	City	County Name	Type of Complaint	Complainant	Inspector Initials	NOV
NERO	8/22/2005	HOLCIM	Clarksville	Pike	Odors	Mr. Sean Mansfield		
Comments								
Comp. No.	NE11704	Comp. Info The complainant reports having very strong odors from Holcim at his house today. He stated it made his lungs ache and his eyes sting during the times he was outdoors. It has been that way all day.						
NERO	8/22/2005	FIRST BAPTIST CHURCH	Bevier	Macon	Burning	Anonymous		
Comments								
Comp. No.	NE11697	Comp. Info The First Baptist Church was demolishing a house they own in Bevier and on Saturday night it mysteriously caught fire. Some of the workers were known to have said "wouldn't it be funny if it suddenly caught fire." Several other houses in Bevier were recently demolished and taken to the landfill, including some owned by the city. The church should have known the requirements for the house to be demolished and not burned. The complainant suggested talking to Mr. Terry Powell, a City of Bevier Police Officer. He may have been on-site during the fire. Several elderly house-bound residents were adversely affected by the smoke.						
NERO	8/19/2005	UNKNOWN		Audrain	Burning	Deputy Pahle	MIH	
Comments Ms. Hopke asked the deputy to obtain a name, address and telephone number for the responsible party or other individuals involved. She also requested the deputy to ask the responsible party to extinguish the fire and to obtain information on the location of the fire. Ms. Hopke then asked for a short narrative or report outlining the deputy's observations and photographs of the fire if possible. Deputy Pahle explained the sheriff's department would obtain this information and fax a report to the NERO and would send photographs if they were obtained.								
Comp. No.	NE11683	Comp. Info Deputy Pahle of the Audrain County Sheriff's Department notified Ms. Mary Hopke, an inspector with the department's Northeast Regional Office (NERO). Deputy Pahle informed Ms. Hopke the Sheriff's Department received a call alleging several scrap tires were being burned. Deputy Pahle is sending a deputy to the property and wants directions from the department on how to handle the complaint.						
NERO	8/8/2005	MR. HERB BOSLER & SONS	Brazito	Cole	Burning	Anonymous		
Comments Staff of the NERO contacted Mr. Carl Olsen with The Cole County Department of Health. Mr. Olsen believed Mr. David Stull, also with the county health department, was at this site at the time of the call. If not, Mr. Olsen stated one of them would try to get by the reported party's residence today.								
Comp. No.	NE11656	Comp. Info The complainant states the reported party is hauling wiring out to their property and burning the coating off. The entire valley is filled with black smoke. The complainant states the department has previously been to the property and warned the reported party to cease burning before. The local fire department has previously written citations to the reported party.						

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Dates Received or Inspected: 8/1/2005 **through** 8/31/2005

Region	Inspection Date	Date Received	Suspected Source Owner/Operator	City	County Name	Type of Complaint	Complainant	Inspector Initials	NOV
NERO	8/1/2005	8/1/2005	PSF WHITETAIL	Unionville	Putnam	Odors	Melody Torrey	DLK	
Comments	No on-site investigation was made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two day advance notice required by the laboratory prior to analysis of air samples. An on-site investigation will be conducted during the next inspection of this facility.								
Comp. No.	NE11626	Comp. Info	On July 30, 2005, Fred, Leta, and Melody Torrey filed the following odor complaint. "The odor moved in this evening while we were setting outside enjoying our property. The odor forced us to go inside, The odor was a strong hog barn smell, with no wind at the time. We had company and they thought the odor was horrible."						
NERO	8/1/2005	8/1/2005	PSF WHITETAIL	Unionville	Putnam	Odors	Melody Torrey	DLK	
Comments	No on-site investigation was made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two day advance notice required by the laboratory prior to analysis of air samples. An on-site investigation will be conducted during the next inspection of this facility.								
Comp. No.	NE11627	Comp. Info	On July 31, 2005, Fred, Leta, and Melody Torrey filed the following odor complaint. "The odor was still with us the next morning. It has came and went the entire day. I had plans on working outside this evening, but the odor prevented me from doing so and prevented my family from enjoying our property yet again because of this company and their factory farm."						
NERO	8/1/2005	8/1/2005	PSF GREEN HILLS	Green City	Sullivan	Odors	Rolf Christen	DLK	
Comments	No on-site investigation was made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two day advance notice required by the laboratory prior to analysis of air samples. An on-site investigation will be conducted during the next inspection of this facility.								
Comp. No.	NE11628	Comp. Info	The complainant reports odors at their home on the following dates and times. On July 30, 2005, at 9:30 p.m. (most of the evening off and on) and on July 31, 2005, at 8:30 a.m.						
NERO	8/1/2005	8/1/2005	PSF VALLEY VIEW	Green City	Sullivan	Odors	Rolf Christen	DLK	
Comments	No on-site investigation was made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two day advance notice required by the laboratory prior to analysis of air samples. An on-site investigation will be conducted during the next inspection of this facility.								
Comp. No.	NE11629	Comp. Info	The complainant states Ms. Debbie Jacobs had odors at her house on July 31, 2005, at 12:00 a.m., between 7:00 a.m. and 9:00 a.m., and in the afternoon at approximately 2:00 p.m. 10:05 p.m. ("wicked strong odor coming from the east")						

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Dates Received or Inspected: 8/1/2005 **through** 8/31/2005

Region	Inspection Date	Date Received	Suspected Source Owner/Operator	City	County Name	Type of Complaint	Complainant	Inspector Initials	NOV
NERO	8/1/2005	8/1/2005	MR. JOE WILSON	Jefferson City	Cole	Odors	Ms. Karen Jennings	MIH	
Comments	Ms. Hopke explained to the complainant while there are odor regulations, there is an exemption in the regulations for raising or breeding domestic animals. The complainant told Ms. Hopke the inside of the home smells bad as well as the reported party. Ms. Hopke informed the complainant the department does not have any regulatory authority over indoor air quality and referred her to the Cole County Health Department. Ms. Hopke also suggested the complainant contact the Division of Aging if she had concerns with the living conditions in the home. The complainant stated she is working with the local Health Department. Ms. Hopke stated she had read over the Cole County Health Ordinances and Environmental Codes and believes there is a section stating any offensive odors could be enforced. The complainant informed Ms. Hopke that the local animal control can issue a citation to the owner but it could take approximately two years to get something done about it. Ms. Hope read the state regulation 10 CSR 10-3.090 Restriction of Emission of Odors section (3)(B) to the reported party, which explains why the department does not have regulatory authority. Ms. Hopke told the complainant she would fax the complainant a copy of the state regulations. After faxing the regulations, Ms. Hopke again spoke with the complainant and suggested she contact the USDA to see if the reported party is required to have a permit for raising/breeding more than three dogs. The complainant stated she would contact them and that she made contact with the University of Missouri. She was informed someone is going to come to the property to do a scentometer reading for her.								
Comp. No.	NE11635	Comp. Info	The complainant states the reported party has 24 dogs on his property. Eleven of the dogs are in the home and the rest are in pens in his yard. The complainant states the reported party cleans the pens on a regular basis, but the pens are in the shade and the area does not dry out. This is causing bad odors in the city. The complainant received information that the department had odor regulations and also had scentometers.						
NERO	8/2/2005	8/1/2005	PSF WHITETAIL	Unionville	Putnam	Odors	Melody Torrey	DLK	
Comments	No on-site investigation was made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two day advance notice required by the laboratory prior to analysis of air samples. An on-site investigation will be conducted during the next inspection of this facility.								
Comp. No.	NE11636	Comp. Info	Don, Fred, Leta, and Melody Torrey filed the following odor complaint. "The odor moved in this evening while we were outside enjoying our property. The odor forced us to go inside. The odor was a strong hog manure odor. There was no wind at the time."						
NERO	8/3/2005	8/3/2005	PSF WHITETAIL	Unionville	Putnam	Odors	Melody Torrey	DLK	
Comments	No on-site investigation was made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two day advance notice required by the laboratory prior to analysis of air samples. An on-site investigation will be conducted during the next inspection of this facility.								
Comp. No.	NE11647	Comp. Info	On August 3, 2005, at 8:36 p.m., the complainant filed two reports of odors from PSF Whitetail as follows. First complaint: "As I drove by the site going West on Highway 129, I encountered a strong hog odor coming from the PSF factory farm. The odors are horrible and make it difficult to breath. The smell burned my eyes and nose. At the time, PSF was land applying toxic hog waste above ground next to the highway as I drove by." Second complaint: "As I drove by the site this morning the odors coming off the PSF factory farm was unbearable. The odor made it difficult to breath and it burned my eyes and nose."						
NERO	8/4/2005	8/3/2005	UNKNOWN	Tipton	Moniteau	Odors	Mr. Pete Summers	DLK	
Comments	Mr. Don Kinkhorst, an inspector with the NERO, did not observe any chemical or unusual odors at the intersection of Highway 50 and Route E. Mr. Kinkhorst traveled approximately one half to three quarters of a mile in each direction of the intersection and did not observe any odors at any point. Due to no odors detected and no variations in the vegetation indicating a chemical spill, no further action is necessary at this time.								
Comp. No.	NE11641	Comp. Info	The complainant reports a strong chemical odor that has been ongoing for approximately two weeks. They had the same odor last year. The complainant notices the odor when they drive by the junction of Highway 50 and Route E.						

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Region	Inspection Date	Date Received	Suspected Source Owner/Operator	City	County Name	Type of Complaint	Complainant	Inspector Initials	NOV
NERO	8/4/2005	8/4/2005	TWEHOUS EXCAVATING	Jefferson City	Cole	Fugitive Dust	Ms. Nicole Voyles	DLK	
Comments	Mr. Kinkhorst observed dust on the excavation site, contacted Mr. Tom Burmeister of Twehous Construction, and discussed with him dust control procedures need to be implemented or an NOV will be issued for fugitive particulate leaving the construction site. Mr. Burmeister stated the earthmoving began at this site on August 3, 2005, and two water trucks were being utilized the first day for dust control. Mr. Burmeister also stated the trucks are filling at Capitol Quarry on Stadium Boulevard, driving to the construction site, applying the water, and then repeating. Mr. Burmeister informed Mr. Kinkhorst on August 4, 2005, two water trucks are being used full time with a third applying water part time as the third truck is working dust control at another site also. Mr. Burmeister states that Twehous Excavating has only three water trucks. Mr. Kinkhorst told Mr. Burmeister it appears Twehous Excavating is doing what they can to control the dust leaving the property. Mr. Kinkhorst informed Mr. Burmeister a NOV will not be issued at this time considering the drought conditions and control practices being used. Mr. Kinkhorst then told Mr. Burmeister if the department receives another complaint something different would need to be done to control the dust.								
Comp. No.	NE11640	Comp. Info	The complainant reports heavy dust is crossing property boundaries from a land clearing/grading/construction operation.						
NERO	8/6/2005	8/6/2005	PSF WHITETAIL	Unionville	Putnam	Odors	Ms. Melody Torrey	DLK	
Comments	No on-site investigation was made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two day advance notice required by the laboratory prior to analysis of air samples. An on-site investigation will be conducted during the next inspection of this facility.								
Comp. No.	NE11648	Comp. Info	On August 6, 2005, at 10:10 p.m., the complainant filed the following report of odors from PSF Whitetail. "The Torrey's first noticed the odor early this morning then it moved back in full force this evening. The odor is a strong hog manure smell."						
NERO	8/7/2005	8/7/2005	PSF WHITETAIL	Unionville	Putnam	Odors	Ms. Melody Torrey	DLK	
Comments	No on-site investigation was made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two day advance notice required by the laboratory prior to analysis of air samples. An on-site investigation will be conducted during the next inspection of this facility.								
Comp. No.	NE11649	Comp. Info	On August 7, 2005, at 10:04 p.m., the complainant filed the following report of odors from PSF Whitetail. "The Torreys report the odor was still with us the following morning and then moved back in this evening. The odor is a strong hog manure smell that drove us into the house where we was unable to enjoy our property yet again."						
NERO	8/8/2005	8/3/2005	MR. DUANE DIXON	Mount Leonard	Saline	Burning	Mr. Mike Morgan	DLK	
Comments	Mr. Kinkhorst contacted Fire Chief Kellerman and Mr. Kellerman confirmed this is the same incident reported in complaint #NE11619. Mr. Kellerman stated the reported party conducting the burning is Mr. Duane Dixon from Marshall, Missouri. Mr. Kellerman stated the local fire department extinguished the fire. Mr. Kellerman informed Mr. Kinkhorst of Mr. Dixon burning demolition debris. Mr. Kinkhorst issued NOV #0980NE for the burning violation on July 28, 2005.								
Comp. No.	NE11642	Comp. Info	The complainant reports the City of Marshall asked a local landlord to remove a mobile home. The reported party moved the mobile home. Chief Bill Kellerman, of the Blackburn Fire Department, reported to the City of Marshall that the mobile home was dumped and burned in Mt. Leonard. The complainant requests we contact Fire Chief Kellerman for details about the location and the reported party.						

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Region	Inspection Date	Date Received	Suspected Source Owner/Operator	City	County Name	Type of Complaint	Complainant	Inspector Initials	NOV
NERO	8/8/2005	8/8/2005	PSF WHITETAIL	Unionville	Putnam	Odors	Ms. Melody Torrey	DLK	
Comments	No on-site investigation was made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two day advance notice required by the laboratory prior to analysis of air samples. An on-site investigation will be conducted during the next inspection of this facility.								
Comp. No.	NE11660	Comp. Info	On August 8, 2005, at 10:10 p.m., the complainant filed the following two reports of odors from PSF Whitetail. "As I drove by the site going East this morning, I encountered strong gassy/lagoon odors coming off the PSF factory farm. The odors made it difficult to breath. It burned my nose, and eyes, and made my truck smell for several minutes afterwards." and "The odor has came and went most of the day before moving in strong this evening. The odor is a strong hog manure odor."						
NERO	8/11/2005	8/4/2005	MODOT	Cairo	Randolph	Fugitive Dust	Anonymous	DLK	
Comments	Mr. Kinkhorst contacted Mr. Jeff Gander with the MoDOT and informed him of the dust complaint. Mr. Gander stated they are aware of the problem and currently are using two watering trucks and are looking at getting a third tanker truck. Mr. Gander also stated MoDOT is also looking at watering throughout the night and/or moving dirt at night, but have not started doing so. Mr. Kinkhorst told Mr. Gander under the circumstances, the department is requesting an honest effort be taken to control the fugitive dust and it sounds as if MODOT is making that effort.								
Comp. No.	NE11644	Comp. Info	The complainant is concerned about dust generated by road construction on Highway 63. The complainant lives approximately one mile East of Highway 63. The complainant states the dust is an inch thick on his property. Today they are working from Junction K North to Jacksonville. The dust is very bad. The complainant stated he contacted the Missouri Department of Transportation (MoDOT) last week but nothing has changed.						
NERO	8/11/2005	8/11/2005	EMERY SAPP AND SON'S, INC.	Columbia	Boone	Fugitive Dust	Mr. Paul Jeffery	DLK	
Comments	Mr. Kinkhorst contacted Mr. Scott Stuckey, of Emery Sapp and Son's, Inc. Mr. Stuckey stated a water meter is set up at Gray Oak and Green Meadows. Mr. Stuckey also stated they have a water truck filling up at the meter and watering all day long. Mr. Kinkhorst told Mr. Stuckey that due to the current weather conditions the department is asking for an honest effort to control the dust, but he understands it is nearly impossible. Dust is being controlled by a water truck, but due to drought conditions disturbed soil becomes airborne easily and is not readily controlled.								
Comp. No.	NE11665	Comp. Info	The complainant reports dust leaving the property from a plethora of denuded acres off of Route AC, East of the Rock Bridge Shopping Center in Columbia.						
NERO	8/11/2005	8/11/2005	TWEHOUS EXCAVATING, INC.	Jefferson City	Cole	Fugitive Dust	Mr. Paul Jeffery	DLK	
Comments	Mr. Kinkhorst contacted Mr. Tom Burmeister, of Twehous Excavating, Inc. Mr. Burmeister stated a water truck is filling up at the Stadium Quarry and watering at this site. Mr. Burmeister also stated he had been out of town the last two days, but is going to go to all of their sites today to check on the dust at each of them. Mr. Kinkhorst informed Mr. Burmeister that due to the current weather conditions the department is asking for an honest effort to control the dust, yet he understands it is nearly impossible. Mr. Burmeister stated the Jefferson City area did get a good rain a couple of days ago and it seems to be helping the dust situation. Dust is being controlled by water truck, but due to drought conditions disturbed soil becomes airborne easily and is not readily controlled.								
Comp. No.	NE11666	Comp. Info	The complainant reports a fair amount of dust leaving the property from a land clearing site West of the Super Wal-Mart on Stadium Boulevard and Business 50 in Jefferson City.						

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Region	Inspection Date	Date Received	Suspected Source Owner/Operator	City	County Name	Type of Complaint	Complainant	Inspector Initials	NOV
NERO	8/11/2005	8/11/2005	PSF WHITETAIL	Unionville	Putnam	Odors	Ms. Melody Torrey	DLK	
Comments	No on-site investigation was made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two day advance notice required by the laboratory prior to analysis of air samples. An on-site investigation will be conducted during the next inspection of this facility.								
Comp. No.	NE11667	Comp. Info	On August 10, 2005, at 10:16 p.m., the complainant filed the following two reports of odors from PSF Whitetail. "Don, the odor was here this morning then moved in again this evening. The odor was a strong hog manure odor."						
NERO	8/11/2005	8/11/2005	MR. DON HANSON	Auxvasse	Callaway	Fugitive Dust	Mr. Gary Payne	DLK	
Comments	Mr. Kinkhorst did not observe any activity occurring at this facility. Twelve grain bins and one flat storage building exist at this site. One dump pit serves the grain bins and one dump pit serves the flat storage building. Upon inspection of the grain bin area Mr. Kinkhorst noted all the bins are empty as the side doors are open on each of them. It appears the dump pit at the grain bins is not operable and a new auger is being installed in the dump pit. The doors on the flat storage building are open. Mr. Kinkhorst also noted beans are being stored in the flat storage building. He did not observe any dust. This facility does not have any unpaved lots or parking areas. During the investigation Mr. Tim Griggs, a former employee of Mr. Hanson, arrived at the site. Mr. Griggs informed Mr. Kinkhorst that the bins are rented out for storage to farmers and Mr. Hanson uses the flat storage building and some of the bins for his personal storage. Mr. Kinkhorst asked Mr. Griggs if he ever noticed excessive dust at this facility. Mr. Griggs stated he did not think there was ever much dust. Mr. Kinkhorst also asked Mr. Griggs if Mr. Hanson used any oil on his grain when he dumped it. Mr. Griggs did not think Mr. Hanson used any oil. Mr. Kinkhorst attempted to contact Mr. Payne by telephone, however, no one answered. Mr. Kinkhorst left a message for Mr. Payne requesting he contact the regional office so the inspector can obtain more information about the concern. When Mr. Kinkhorst visited Mr. Paynes residence, no one answered the door. Mr. Kinkhorst took photographs of the facility and the relationship of the facility and Mr. Payne's residence. Mr. Payne lives approximately 200-300 yards West of the grain elevator. There are other homes and a heavily wooded lot immediately to the east of Mr. Paynes residence. Currently, the inspector did not observe activity occurring at this facility. Mr. Kinkhorst did not observe any fugitive dust. Mr. Kinkhorst did note and enter an environmental concern in regard to the pumping of the dump pits as described by Mr. Payne on August 12, 2005.								
Comp. No.	NE11674	Comp. Info	Mr. Payne reports dust from a grain elevator in Auxvasse. Mr. Payne suffers from a heart condition and he claims the dust is affecting his condition. He states someone from the department spoke with the city maintenance department and told them to put oil down to keep the dust down, but Mr. Payne says this is not working. Ms. Janie Monks, a department director employee, requested the appropriate staff contact June with Representative Witte's office at (573) 751-9614, to discuss the situation and after the conversation follow up via e-mail with the director's office. On August 11, 2005, Ms. Irene Crawford, director of the NERO, contacted June and explained the regional office's previous investigation in April of this year. June reported Mr. Payne stated the dust is impacting his heart monitoring equipment. He may have to move but does not want to. Mr. Payne spoke with the City Council. After the regional office investigates, June requested department staff contact Representative Witte at (573) 594-6161 to follow up. On August 11, 2005, the regional office sent an investigator to Auxvasse to speak with Mr. Payne and Mr. Hanson at the elevator, and to observe the dust conditions.						
NERO	8/11/2005	3/9/2005	MR. HARRIS GUYTON	Paynesville	Pike	Burning	Mr. John Owens	DJM	
Comments	Mr. Darryl McCullough, an inspector with the NERO, spoke with Mr. Jim Wells, the Pike County Sheriff. The inspector requested Mr. Wells send a copy of the police incident report to the regional office. Mr. Wells faxed a copy of the report. The inspector will send letter of warning and a technical bulletin on open burning to Mr. Harris Guyton.								
Comp. No.	NE10944	Comp. Info	The complainant reports Mr. Guyton is burning a small pile of debris including scrap tires and a dead cow. The local fire department responded and extinguished the fire.						

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Dates Received or Inspected: 8/1/2005 **through** 8/31/2005

Region	Inspection Date	Date Received	Suspected Source Owner/Operator	City	County Name	Type of Complaint	Complainant	Inspector Initials	NOV
NERO	8/15/2005	8/15/2005	PSF VALLEY VIEW	Green City	Sullivan	Odors	Mr. Rolf Christen	SMB	
Comments	No on-site investigation was made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two day advance notice required by the laboratory prior to analysis of air samples. An on-site investigation will be conducted during the next inspection of this facility.								
Comp. No.	NE11755	Comp. Info	On August 1, 7, and 8, 2005, the complainant filed the following reports of odors from PSF Valley View. "On August 1, 2005, Ms. Debbie Jacobs contacted me at 9:30 p.m. to report a strong odor from an East wind." Second, "Ms. Debbie Jacobs reported strong odor at her house Saturday night at approximately 9:30 p.m." Then, "Ms. Debbie Jacobs is again reporting extremely strong odor at her house this evening at 8:30 p.m., with a slight East wind." Next, "Ms. Debbie Jacobs just contacted me to at 9:25 p.m. to report terrible pollution at her house. Winds are from the East and light." Lastly, "Ms. Debbie Jacobs just contacted me to report a terrible pollution at her house. Winds from the East and light."						
NERO	8/15/2005	8/15/2005	PSF GREEN HILLS	Green City	Sullivan	Odors	Mr. Rolf Christen	SMB	
Comments	No on-site investigation was made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two day advance notice required by the laboratory prior to analysis of air samples. An on-site investigation will be conducted during the next inspection of this facility.								
Comp. No.	NE11750	Comp. Info	On August 5, 2005, at 9:06 p.m., the complainant filed the following reports of odors from PSF Green Hills. "Yesterday, we had odors on and off all day. This morning, we had pollution in the morning and again very strong at this time. It stinks horrific here. We had to move dinner inside and do not get to spend this beautiful cool evening on our porch. Winds are from the North and light."						
NERO	8/15/2005	8/15/2005	PSF VALLEY VIEW	Green City	Sullivan	Odors	Mr. Rolf Christen	SMB	
Comments	No on-site investigation was made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two day advance notice required by the laboratory prior to analysis of air samples. An on-site investigation will be conducted during the next inspection of this facility.								
Comp. No.	NE11748	Comp. Info	On August 1, 7, and 9, 2005, the complainant filed the following three reports of odors from PSF Valley View. "We had odor at the house off and on all evening on August 1, 2005, since approximately 7:00 a.m." and "We had odor at our house at 8:30 a.m. on August 7, 2005." and "At approximately 11:30 p.m. on August 9, 2005. we had terrible pollution at our house for quite some time. Winds were from the south and very light. "						
NERO	8/15/2005	8/15/2005	PSF VALLEY VIEW	Green City	Sullivan	Odors	Mr. Rolf Christen	SMB	
Comments	The Shafer PSF Contract operation is a Class 1C Confined Animal Feeding Operations (CAFO) and therefore is exempt from odor regulations.								
Comp. No.	NE11758	Comp. Info	On August 3, and 9, 2005, the complainant filed the following two reports of odors at Shafer's PSF Contract facility. "Ms. Debbie Jacobs contacted me at 1:00 p.m. on August 3, 2005, and reported very strong odors at her house. Winds werer rather gusty and from the South." and "On August 9, 2005, at 8:15 a.m., Ms. Debbie Jacobs reported strong odors and pollution at her house. Winds are from the West."						
NERO	8/15/2005	8/12/2005	CAPITAL SAND COMPANY	Jefferson City	Callaway	Burning	Mr. Paul Jeffery	MGS	
Comments	Mr. Michael Sudholt, an inspector with the NERO, did not detect any violation of the open burning regulations. Mr. Sudholt walked under the bridge from the Carl Noren river access point. There were no signs of a burn pile. It had rained heavily since the regional office received the report. The Capital Sand Company is East of the North-bound lane of the Highway 54/63 bridge. Mr. Sudholt did not find any evidence of open burning on their property near the bridge. Mr. Sudholt spoke with Mr. Alfred Koetting at the Capital Sand Company.								
Comp. No.	NE11687	Comp. Info	The complainant's e-mail reported a plume coming up from below the North bound lane of the Missouri River Bridge in North Jefferson City on August 11, 2005, in the evening and on the morning of August 12, 2005.						

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Dates Received or Inspected: 8/1/2005 **through** 8/31/2005

Region	Inspection Date	Date Received	Suspected Source Owner/Operator	City	County Name	Type of Complaint	Complainant	Inspector Initials	NOV
NERO	8/15/2005	8/15/2005	PSF WHITETAIL	Unionville	Putnam	Odors	Ms. Melody Torrey	DLK	
Comments	No on-site investigation was made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two day advance notice required by the laboratory prior to analysis of air samples. An on-site investigation will be conducted during the next inspection of this facility.								
Comp. No.	NE11676	Comp. Info	On August 12, 2005, at 10:52 p.m., the complainant filed the following report of odors from PSF Whitetail, "Don, the odor moved back in this morning. At that time, it was a strong hog barn smell. Then it moved back in this evening while we were trying to enjoy our property outside. This time the odor was a strong hog manure smell."						
NERO	8/15/2005	8/15/2005	PSF WHITETAIL	Unionville	Putnam	Odors	Ms. Melody Torrey	DLK	
Comments	No on-site investigation was made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two day advance notice required by the laboratory prior to analysis of air samples. An on-site investigation will be conducted during the next inspection of this facility.								
Comp. No.	NE11675	Comp. Info	On August 11, 2005, at 9:24 p.m., the complainant filed the following report of odors from PSF Whitetail. "Don, the odor was still here very early the following morning. It was a strong hog manure odor and there was no wind at the time. "						
NERO	8/15/2005	8/15/2005	MR. ROBERT RUGGLES	Worthington	Putnam	Burning	Ms. Lucinda McBride	MIH	
Comments	Ms. Hopke contacted the Putnam County Sheriff's Office and spoke with Deputy Matt Ruggles. Deputy Ruggles stated someone from the Sheriff's Office would go to the Ruggles property to observe activities and would inform Ms. Hopke of their findings. Deputy Ruggles asked if he should have the local fire department go to the property and extinguish the fire. Ms. Hopke requested the Deputy to go to the property and observe the amount of debris being burned before contacting the fire department. Ms. Hopke also told the Deputy if he wanted to contact the fire department after arriving at the property, that would be a decision for the Sheriff's Office to make. Deputy Julie Frazier contacted the regional office at 11:05 a.m. and stated she was at the Ruggles property and described the type of waste burning in the fire, which included plastic soda bottles, metal, bricks, a tree stump with nails, railroad ties, wooden trim from a home, boards, and fragments of asphalt shingles. Deputy Frazier put Mr. Ruggles on the phone to speak with Ms. Hopke. She explained to Mr. Ruggles it is against state regulation to burn anything other than his own household trash that is generated on his residential property. Ms. Hopke also stated she explained this to him when she was at his property a couple of weeks earlier. Ms. Hopke asked Mr. Ruggles if he had made arrangements to have the waste removed from the property for disposal at a landfill. Mr. Ruggles stated he had a dumpster on the property but it is full. Ms. Hopke then asked Mr. Ruggles to put the fire out and informed him of the NOV she is issuing to him. Ms. Hopke requested Deputy Frazier to send a copy of her report to the regional office. Ms. Hopke issued a warning letter to Mr. Ruggles for burning demolition debris on August 10, 2005. Ms. Hopke also issued a NOV to Mr. Ruggles for this incident because of his prior knowledge of the Open Burning Restrictions.								
Comp. No.	NE11677	Comp. Info	The complainant states the reported party is burning the remaining demolition debris on his property located behind her property. The complainant also states the department investigated the area approximately three weeks ago and requested the reported party stop burning demolition debris.						

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Region	Inspection Date	Date Received	Suspected Source Owner/Operator	City	County Name	Type of Complaint	Complainant	Inspector Initials	NOV
NERO	8/16/2005	8/11/2005	ONYX MAPLE HILL LANDFILL	Bevier	Macon	Odors	Anonymous	SMB	
Comments	After first driving on Intrepid and Southwest Boulevard (downwind from landfill), Mr. Boone made a visit to Onyx Maple Hill Landfill and spoke with Mr. Roger Smith. Mr. Boone did not notice any odors downwind from the landfill. Mr. Smith stated the landfill has not hauled leachate all summer because of the dry weather. Mr. Smith also stated Terra Renewal Services has been hauling sludge from the Trenton Foods and ConAgra plants to a neighboring property where it is being spread. Mr. Boone drove to a property approximately one half mile from the landfill and contacted Mr. Chris Leathers with Terra Renewal Services. A 25 acre field is being spread with waste from Trenton Foods, ConAgra, and other food processing plants in the area. Mr. Boone did not note any odors at the property line. However, Mr. Boone did experience odors downwind from the storage unit of the sludge. This is the point where sludge is transferred from Semi Trucks into the storage unit and then from the storage unit onto the land application rig. Mr. Boone noted very strong odors for approximately 200 yards downwind. Downwind from the land application field Mr. Boone detected light odors. At the time of his visit, Mr. Boone did not detect odors at any location beyond the property line. Mr. Boone did not issue a violation of the odor regulation at the time of the investigation.								
Comp. No.	NE11664	Comp. Info	The complainant states there was a horrible odor this morning coming from Onyx Maple Hill Landfill. This is the first time the complainant noticed it. For the past two weeks tanker trucks have been going into the landfill and are dumping an unknown substance.						
NERO	8/16/2005	8/16/2005	PSF SOMERSET	Powersville	Mercer	Odors	Mr. Conrad Eurom	SMB	
Comments	No on-site investigation was made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two day advance notice required by the laboratory prior to analysis of air samples. An on-site investigation will be conducted during the next inspection of this facility.								
Comp. No.	NE11700	Comp. Info	The complainant reports the odor was bad this morning at 4:00 a.m. Also, the odor was really bad on August 6, 2005, at 2:15 a.m. and at several other times that he doesn't have dates for.						
NERO	8/16/2005	8/15/2005	PSF WHITETAIL	Unionville	Putnam	Odors	Ms. Melody Torrey	SMB	
Comments	No on-site investigation was made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two day advance notice required by the laboratory prior to analysis of air samples. An on-site investigation will be conducted during the next inspection of this facility.								
Comp. No.	NE11739	Comp. Info	On August 15, 2005, at 10:52 p.m., the complainant filed the following report of odors from PSF Whitetail. "The odor has been in and out the entire day. The wind is out of the East. The odor is a strong pure hog manure odor. The smell is like that from a lagoon."						
NERO	8/16/2005	8/16/2005	PSF GREEN HILLS	Green City	Sullivan	Odors	Mr. Rolf Christen	SMB	
Comments	Winds were blowing from the North at Green Castle monitoring station. An on-site investigation will be conducted when staff are next in the area. No immediate on-site investigation conducted due to quickly changing weather conditions leading to wide variations in odors at specific locations and because of the one to two day advance notice required by the laboratory to collect air samples.								
Comp. No.	NE11751	Comp. Info	On August 16, 2005, at 7:36 a.m., the complainant filed the following report of odors from PSF Green Hills, "At approximately 4:00 a.m. it started smelling bad here and it is very bad right now. It is a beautiful morning with light fog in the bottoms. I can not tell where the wind is coming from. The pollution is very strong."						

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Dates Received or Inspected: 8/1/2005 **through** 8/31/2005

Region	Inspection Date	Date Received	Suspected Source Owner/Operator	City	County Name	Type of Complaint	Complainant	Inspector Initials	NOV
NERO	8/17/2005	8/17/2005	PSF WHITETAIL	Unionville	Putnam	Odors	Ms. Melody Torrey	SMB	
Comments	No on-site investigation was made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two day advance notice required by the laboratory prior to analysis of air samples. An on-site investigation will be conducted during the next inspection of this facility.								
Comp. No.	NE11740	Comp. Info	On August 16, 2005, at 8:07 p.m., the complainant filed the following report of odors from PSF Whitetail, "The odor was still with us the following morning and it was still a strong hog manure smell coming directly from the lagoon. The wind is out of the East. As was the case yesterday, I had plans on doing yard work and today as well, but those plans were ruined with the strong odors. Yet another two days of our life has been ruined due to that company and their factory farm. We are still waiting for the relief from these odors you promised us several years ago."						
NERO	8/17/2005	8/17/2005	PSF VALLEY VIEW	Green City	Sullivan	Odors	Mr. Rolf Christen	SMB	
Comments	No on-site investigation was made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two day advance notice required by the laboratory prior to analysis of air samples. An on-site investigation will be conducted during the next inspection of this facility.								
Comp. No.	NE11749	Comp. Info	On August 17, 2005, at 11:34 a.m., the complainant filed the following reports of odors from PSF Valley View, "Last night at 9:15 p.m., Ms. Debbie Jacobs reported strong pollution at her house. Winds were from the East. Also, Ray Catlett stopped me in town. Since my family and I are about to leave for the weekend, I will meet with Ray early next week to file his complaints for last week."						
NERO	8/18/2005	8/18/2005	PSF WHITETAIL	Unionville	Putnam	Odors	Ms. Melody Torrey	SMB	
Comments	No on-site investigation was made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two day advance notice required by the laboratory prior to analysis of air samples. An on-site investigation will be conducted during the next inspection of this facility.								
Comp. No.	NE11741	Comp. Info	On August 17, 2005, at 9:53 p.m., the complainant filed the following report of odors from PSF Whitetail, "The odor is still with us the following morning, and this time it is a strong hog barn smell. It then moved in stronger then ever this evening, still being a mix between a strong hog barn smell to a strong lagoon odor. I was forced once again to quit doing yard work due to the odor."						
NERO	8/18/2005	8/16/2005	PUTNAM COUNTY MEMORIAL HOS	Unionville	Putnam	Asbestos	Anonymous	MGS	
Comments	According to Mr. Ronnie Ballard, Director of Engineering, and Mr. Jeff Harlan, a maintenance employee, approximately seven hundred square feet of 9"x9" tan tiles and perhaps 10 to 15 square feet of brown tiles were removed from the main hallway of the Putnam County Memorial Hospital on the evenings of June 15, 2005, through approximately June 18, 2005. Most came up easily according to Mr. Ballard. Mr. Ballard took up the tile because when the floor scrubber was used on the floor, the water came up brown like the tiles. Mr. Ballard was concerned the tiles might have broken down by the scrubber. The tiles were replaced with 12"x12" grey tiles and some 12"x12" blue tiles. The scrap tiles were put in cardboard boxes and taped shut. They were then placed in the dumpster for disposal by Salt River Refuse. Mr. Sudholt took samples of the two colors of tile and mastic. They were sent for analysis on August 22, 2005. The tan and brown tiles and the mastic on the tan tiles all came back showing no asbestos. The mastic on the brown tiles contained asbestos. The brown tile sample was from a utility room. The tan tiles were replacing the original tile that had been in place since the building was erected in 1963. The mastic under the brown tiles in the hall was probably not the same as that in the utility room. It was probably the same as the mastic, in which the tan tiles were set.								
	Putnam County Memorial Hospital failed to inspect for asbestos before removing the tiles. There was apparently no emission of asbestos dust to the environment.								
Comp. No.	NE11691	Comp. Info	The complainant, a former employee, alleges the hospital is removing large areas of 9 X 9 floor tile from many portions of the facility. The complainant believes the hospital is removing the material in a dry manner, breaking the tile into many pieces and simply throwing the pieces into a dumpster. Large amounts of dust are being generated and hundreds of people have been exposed to this dust.						

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Region	Inspection Date	Date Received	Suspected Source Owner/Operator	City	County Name	Type of Complaint	Complainant	Inspector Initials	NOV
NERO	8/18/2005	8/18/2005	PSF VALLEY VIEW	Green City	Sullivan	Odors	Mr. Rolf Christen	SMB	
Comments	No on-site investigation was made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two day advance notice required by the laboratory prior to analysis of air samples. An on-site investigation will be conducted during the next inspection of this facility.								
Comp. No.	NE11754	Comp. Info	On August 17, 2005, at 10:12 p.m., the complainant filed the following report of odors from PSF Valley View, "Ms. Debbie Jacobs called tonight to report a strong hog odor around 6:00 a.m. this morning."						
NERO	8/22/2005	6/24/2005	B. J. LACKEY	Jefferson City	Cole	Burning	Anonymous	MIH	
Comments	Ms. Hopke met with Ms. Lackey at the property. Ms. Lackey states only brush had been burned. A small pile of tree limbs were placed next to the driveway that had not been burned. The inspector explained the open burning restrictions to Ms. Lackey. Ms. Lackey informed Ms. Hopke she had spoken with the department in the past concerning open burning and knew better than to burn demolition debris. Ms. Lackey stated her neighbors were burning demolition debris at the time of the investigation. Ms. Hopke spoke with the neighbor, Ms. Emma Branch, at 9206 Grand Avenue, who was burning tree limbs behind her house at the time of the investigation. Ms. Hopke returned to Ms. Lackey's residence and explained to Ms. Lackey only tree limbs were burning on the neighboring property. Ms. Hopke did not observe any violations of the open burning restrictions.								
Comp. No.	NE11475	Comp. Info	The complainant states the reported party at 9204 (or 9206) Grand Avenue in Osage has 2x4s and wood siding piled and covered with brush. The complainant expects the debris to be burned this weekend.						
NERO	8/22/2005	8/1/2005	UNKNOWN	Millersburg	Callaway	Asbestos	Anonymous	MIH	
Comments	Ms. Hopke met with Mr. Larry Duncan at Owl Creek Grill. Mr. Duncan did not know an asbestos inspection is required to be performed on commercial buildings prior to renovation activities being done. Mr. Duncan told Ms. Hopke the building previously had been used as an auto mechanic shop before he purchased it and he had only removed three over-head garage doors, a small section of concrete to install a water line, and a section of the ceiling. The waste from the project was placed in a dumpster. Ms. Hopke explained the state regulations to Mr. Duncan and told Mr. Duncan an asbestos inspection will need to be completed on the building. Ms. Hopke also stated she would send him a list of building inspectors. The new sewer system installed was installed in accordance with the Callaway County Board of Health requirements and is exempt from departmental regulations. Mr. Duncan is in violation of 40 CFR Part 61, Subpart M, National Emission Standard for Asbestos and Missouri Air Conservation Law, Chapter 643, RSMo and 10 CSR 10-6.080(3)(M). Ms. Hopke issued NOV #0957 to Mr. Duncan. Please see the inspection report for further details.								
Comp. No.	NE11633	Comp. Info	The old fire house was converted into a garage a few years ago. This garage is now being converted into a Bar & Grill. No inspection was conducted for asbestos prior to the renovation activities being initiated and the reported party dug trenches out to hold two 2,000 gallon septic tanks instead of putting in a permitted system. The excess soil from the pits dug for the septic tanks was placed on a stream bed behind the business and is running into the stream, which drains to Cedar Creek.						
NERO	8/23/2005	8/23/2005	PSF WHITETAIL	Unionville	Putnam	Odors	Ms. Melody Torrey	SMB	
Comments	No on-site investigation was made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two day advance notice required by the laboratory prior to analysis of air samples. An on-site investigation will be conducted during the next inspection of this facility.								
Comp. No.	NE11742	Comp. Info	On August 22, 2005, at 8:43 p.m., the complainant filed the following report of odors from PSF Whitetail, "The odor moved in this evening. This time the odor is a strong hog barn smell. There is very little wind out of the East. I was talking to some other people about the odor and they think something needs to be done with the odors. They stated the odors are horrible and are making them sick whenever it moves in."						

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Region	Inspection Date	Date Received	Suspected Source Owner/Operator	City	County Name	Type of Complaint	Complainant	Inspector Initials	NOV
NERO	8/24/2005	8/24/2005	PSF WHITETAIL	Unionville	Putnam	Odors	Ms. Melody Torrey	SMB	
Comments	No on-site investigation was made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two day advance notice required by the laboratory prior to analysis of air samples. An on-site investigation will be conducted during the next inspection of this facility.								
Comp. No.	NE11743	Comp. Info	On August 23, 2005, at 9:14 p.m., the complainant filed the following report concerning odors from PSF Whitetail, "The odor was still with us the following morning. Leta finally had to shut the house up around 11:00 a.m. due to a strong hog manure smell that moved in. Then the odor came and went the rest of the day. This evening the odor is a strong hog barn smell. The wind has been out of the East all day."						
NERO	8/25/2005	8/25/2005	PSF WHITETAIL	Unionville	Putnam	Odors	Ms. Melody Torrey	SMB	
Comments	No on-site investigation was made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two day advance notice required by the laboratory prior to analysis of air samples. An on-site investigation will be conducted during the next inspection of this facility.								
Comp. No.	NE11744	Comp. Info	On August 24, 2005, at 11:13 p.m., the complainant filed the following report concerning odors from PSF Whitetail, "The odor is still with us for yet another day. The odor is still a strong pure hog manure odor that keeps us in the house and we are not able to enjoy your property due to this factory farm."						
NERO	8/26/2005	8/26/2005	PSF WHITETAIL	Unionville	Putnam	Odors	Ms. Melody Torrey	SMB	
Comments	No on-site investigation was made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two day advance notice required by the laboratory prior to analysis of air samples. An on-site investigation will be conducted during the next inspection of this facility.								
Comp. No.	NE11745	Comp. Info	On August 25, 2005, at 8:59 p.m., the complainant filed the following report of odors from PSF Whitetail, "The odor is still here and as bad as ever. The odor is a strong hog manure smell."						
NERO	8/26/2005	8/24/2005	PSF VALLEY VIEW	Green City	Sullivan	Odors	Mr. Rolf Christen	SMB	
Comments	Mr. Boone contacted Ms. Debbie Jacobs about the numerous reports. Ms. Jacobs indicated the odors were so bad because of a rain front coming in. Mr. Boone will try to schedule an on-site investigation during similar conditions. No on-site investigation made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two day advance notice required by the laboratory prior to the analysis of air samples.								
Comp. No.	NE11756	Comp. Info	On August 23, 2005, the complainant filed the following report of odors from PSF Valley View experienced by Ms. Debbie Jacobs, "Ms. Debbie Jacobs called to report the following pollution incidents: Thursday, August 18, 2005, at 12:45 p.m., winds were from the South; Friday, August 19, 2005, at 6:45 p.m., winds were from the Southeast; Tuesday, August 23, 2005, at 4:15 a.m. and again at 7:45 a.m., winds were from the East; August 23, 2005, at 5:50 a.m., from a strong northeast wind; August 23, 2005, at 7:00 p.m., winds were from the East and light; August 23, 2005, at 9:07 p.m., winds were from the East Northeast and very light. Ms. Jacobs seems extremely frustrated with the situation at her house."						
NERO	8/29/2005	8/29/2005	PSF VALLEY VIEW	Green City	Sullivan	Odors	Mr. Rolf christen	SMB	
Comments	No on-site investigation was made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two day advance notice required by the laboratory prior to analysis of air samples. An on-site investigation will be conducted during the next inspection of this facility.								
Comp. No.	NE11753	Comp. Info	On August 27, 2005, the complainant filed the following report of odors from PSF Valley View, "Mr. Mike Peavler in Green Castle called at 9:15 p.m. and reported extreme pollution in town. He said it stinks awfully. Winds are light and from the South."						

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Dates Received or Inspected: 8/1/2005 **through** 8/31/2005

Region	Inspection Date	Date Received	Suspected Source Owner/Operator	City	County Name	Type of Complaint	Complainant	Inspector Initials	NOV
NERO	8/29/2005	8/29/2005	PSF WHITETAIL	Unionville	Putnam	Odors	Ms. Melody Torrey	SMB	
Comments	No on-site investigation was made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two day advance notice required by the laboratory prior to analysis of air samples. An on-site investigation will be conducted during the next inspection of this facility.								
Comp. No.	NE11746	Comp. Info	On August 26, 2005, the complainant filed the following report of odor from PSF Whitetail, "The odor was still here early this morning and it was still a strong hog manure odor. No wind was present at the time."						
NERO	8/29/2005	8/29/2005	PSF GREEN HILLS	Green City	Sullivan	Odors	Mr. Rolf Christen	SMB	
Comments	No on-site investigation was made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two day advance notice required by the laboratory prior to analysis of air samples. An on-site investigation will be conducted during the next inspection of this facility.								
Comp. No.	NE11752	Comp. Info	On August 27, 2005, the complainant reported odors from PSF Green Hills as follows, "We had slight odor at our house around 8:00 a.m. this morning. We are now getting a strong barn odor at about 8:30 p.m."						
NERO	8/29/2005	8/29/2005	PSF VALLEY VIEW	Green City	Sullivan	Odors	Mr. Rolf Christen	SMB	
Comments	No on-site investigation was made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two day advance notice required by the laboratory prior to analysis of air samples. An on-site investigation will be conducted during the next inspection of this facility.								
Comp. No.	NE11757	Comp. Info	On August 26, 2005, the complainant filed the following report of odors from PSF Valley View, "Mr. Jerry Jacobs is reporting strong odor at his house at 8:15 p.m. this evening."						
NERO	8/30/2005	8/30/2005	PSF WHITETAIL	Unionville	Putnam	Odors	Ms. Melody Torrey	SMB	
Comments	No on-site investigation was made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two day advance notice required by the laboratory prior to analysis of air samples. An on-site investigation will be conducted during the next inspection of this facility.								
Comp. No.	NE11747	Comp. Info	On August 29, 2005, the complainant filed the following report of odors from PSF Whitetail, "The odor moved in very bad this evening as I was trying to work in the yard. The odor is a strong hog barn smell that overwhelms us very quickly. There is no wind at this time. Another evening has been ruined due to this company and their factory farm."						
NERO	8/31/2005	8/29/2005	PSF SOMERSET	Powersville	Mercer	Odors	Mr. Conrad Eurom	SMB	
Comments	No on-site investigation was made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two day advance notice required by the laboratory prior to analysis of air samples. An on-site investigation will be conducted during the next inspection of this facility.								
Comp. No.	NE11724	Comp. Info	The complainant reports the smell from PSF was pretty strong and woke them up at 1:10 a.m. on August 28, 2005, and then again at 4:20 a.m. on August 29, 2005. The complainant stated the odors come in the windows at night. He also stated they cannot leave the windows open at night anymore due to odors.						

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Dates Received or Inspected: 8/1/2005 through 8/31/2005								
Region	Inspection Date	Date Received	Suspected Source Owner/Operator	City	County Name	Type of Complaint	Complainant	Inspector Initials NOV
SERO		8/16/2005	PEMISCOT COUNTY COMMISSION	Caruthersville	Pemiscot	Other	Anonymous	
Comments								
Comp. No.	SE5582	Comp. Info	The complainant alleges the reported party demolished the former jail building in Caruthersville without regard for asbestos containing materials.					
SERO		8/8/2005	MR. HAROLD O'SHEA	Bonne Terre	St. Francois	Other	Anonymous	
Comments								
Comp. No.	SE5547	Comp. Info	The complainant states the reported party is burning shingles and tires. The complainant reports the smell is so bad he can hardly breath. While the reported party was burning Saturday, the sheriff was seen at the reported party's residence, yet he continued to burn Saturday night and Sunday .					
SERO		8/8/2005	MR. JASON DAVIS	Cabool	Howell	Other	Mr. Roger McDonald	
Comments								
Comp. No.	SE5542	Comp. Info	The complainant states the reported party is remodeling a house and burning material, which is causing smoke. The reported party is burning carpet and other miscellaneous material from the house.					
SERO		8/1/2005	ALTA PRIEST	Jackson	Cape Girarde	Other	Ruth	
Comments								
Comp. No.	SE5513	Comp. Info	The complainant states the reported party used tires and other debris to dispose of a dead cow.					
SERO		8/18/2005	OUTBACK TRASH SERVICE	West Plains	Howell	Other	Mr. Michael Roberts	
Comments								
Comp. No.	SE5591	Comp. Info	The complainant reports a trash hauler is dumping and burning trash.					
SERO		8/23/2005	UNKNOWN	Knob Lick	St. Francois	Other	Anonymous	
Comments								
Comp. No.	SE5602	Comp. Info	The complainant states the reported party is burning an old mobile home he is tearing down.					

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Dates Received or Inspected: 8/1/2005 **through** 8/31/2005

Region	Inspection Date	Date Received	Suspected Source Owner/Operator	City	County Name	Type of Complaint	Complainant	Inspector Initials	NOV
SERO	8/2/2005	7/26/2005	MID COUNTY MATERIALS	St. Robert	Pulaski	Fugitive Dust	Anonymous	WS	
Comments	Mr. Walter Shull, an inspector with the department's Southeast Regional Office (SERO), observed the source of fugitive dust being an exempt public road. Therefore, Mr. Shull did not issue any violations. The visible emissions from the crusher was less than 15 percent during the investigation. Mr. Shull did not observe fugitive dust leaving the property.								
Comp. No.	SE5492	Comp. Info	The complainant states a crusher at the site is creating terrible dust. The dust travels in a cloud down the Roubidoux Creek.						
SERO	8/2/2005	8/1/2005	THOMAS CONSTRUCTION	St. Robert	Pulaski	Burning	Anonymous	WS	
Comments	The reported party conducted burning from a land clearing operation within the city limits of St. Roberts without obtaining a burn permit. The contractor received permission to burn from the St. Robert Fire Department. Mr. Shull will issue a letter of warning for failure to obtain a burn permit with a written reply required for intent to comply in the future.								
Comp. No.	SE5509	Comp. Info	The complainant states at the corner of Old Route 66 and St. Roberts where they removed above ground gas tanks from a station, the reported party is dumping tires. They have covered up a lot of them but today they are burning some.						
SERO	8/3/2005	6/13/2005	MR. EJ LAWRENCE	Perryville	Perry	Burning	Anonymous	DRL	
Comments	Mr. Dennis Lyons, an inspector with the SERO, noted Mr. Lawrence was not at the site at the time of the investigation. An attendant offered to allow the inspector to look near the alleged burn location. The inspector observed only house hold trash in the trash barrels. Mr. Lawrence lives in a dwelling near the barrels. Dennis left information for Mr. Lawrence regarding open burning and solid waste disposal. No further action is necessary at this time.								
Comp. No.	SE5310	Comp. Info	The complainant states the reported party is burning something that is causing black smoke.						
SERO	8/5/2005	8/3/2005	UNKNOWN	Cascade	Wayne	Particulate	Mr. Ben Schlager	DRL	
Comments	State regulation 10 CSR 10-6.170 states unpaved public roads are not designated as nonattainment areas for particulate matter. Mr. Lyons did not issue a violation. No further action necessary.								
Comp. No.	SE5529	Comp. Info	The complainant is concerned about the dust the cars kick up from driving down the gravel roads nearby.						
SERO	8/5/2005	8/5/2005	B & B GIN	Campbell	Dunklin	Fugitive Dust/Particulate/Burning	Anonymous	JC	
Comments	Ms. Jan Chronister, an inspector with the SERO, states the cotton ginning season is approximately three months long starting at the end of September or the beginning of October. The gin will be monitored for violations during the ginning season.								
Comp. No.	SE5535	Comp. Info	The complainant states in the fall the dust is really bad from the reported party's property and the trash stacked up sometimes catches on fire. The reported party does not entirely put out the fire, causing it to smoke really bad.						
SERO	8/8/2005	8/4/2005	B.J. TRAVEL	Kewanee	New Madrid	Burning	Staff	JC	
Comments	Ms. Chronister observed burning of trade waste and took photographs of the facility. Ms. Chronister sent a letter of warning on August 17, 2005, with a copy of the state Open Burning Regulations and the Open Burning Facts Sheet.								
Comp. No.	SE5540	Comp. Info	The complainant states the reported party has an incinerator made of wire and is burning cardboard and other trade waste.						

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Dates Received or Inspected: 8/1/2005 **through** 8/31/2005

Region	Inspection Date	Date Received	Suspected Source Owner/Operator	City	County Name	Type of Complaint	Complainant	Inspector Initials	NOV
SERO	8/8/2005	8/2/2005	J&L TRAILER PARK	Summersville	Texas	Other	Anonymous	GAG	
Comments	Mr. Glen Gearhart, an inspector with the SERO, met with the reported party, Mr. and Mrs. Stoops. They recently buried some waste. Mr. Gearhart observed approximately four or five cubic yards of mostly household waste. Mr. Gearhart did not observe any evidence of burning at the time of the investigation. After consulting the department's Solid Waste Management Program, Mr. Gearhart will ask the reported party to obtain trash service for the residents of the trailer park. Mr. Gearhart called Mrs. Stoops on August 8, 2005, and she agreed to get a dumpster. Mrs. Stoops state she will try to do this within the next 30 days. Mr. Gearhart issued IDIR #4346 with 30 days to obtain trash service and provide a copy of a bill or contract from the trash disposal service.								
Comp. No.	SE5525	Comp. Info	The complainant states the reported party is digging a hole with a backhoe and throwing in trash from seven different residences trash, occasionally burning it, then digging a new hole, and burning again.						
SERO	8/11/2005	8/4/2005	MR. UNDERWOOD	Perryville	Perry	Burning	Mr. Ron Bader	DRL	
Comments	Mr. Lyons did not observe burning of wood. Mr. Underwood has a trash barrel for his house hold trash. He also has animals near the barrel and he has a pile of treated lumber further back from the construction of the new deck. Mr. Lyons did not observe any violations. No further action necessary at this time.								
Comp. No.	SE5531	Comp. Info	The complainant states a neighbor is burning wood for a deck and the smoke killed his animals.						
SERO	8/11/2005	8/11/2005	DOE RUN	Park Hills	St. Francois	Sludge	Ms. Dura Dunn	DRL	
Comments	Mr. Lyons states The Doe Run Company is applying sludge to land that will not support vegetation. The sludge is used as a soil conditioner. This project is approved by the U.S. Environmental Protection Agency (EPA). No further action necessary.								
Comp. No.	SE5566	Comp. Info	The complainant reported tanks full of sludge and waste have been dumped next to the road and in fields. Over the past several days the tankers dumped approximately eight to ten tankers full of feces. The complainant is concerned with ground contamination and states the smell is horrible.						
SERO	8/12/2005	8/12/2005	UNKNOWN	Farmington	St. Francois	Fugitive Dust	Anonymous	AW	
Comments	Mr. Albert Wampler, an inspector with the SERO, arrived at the location of the roadwork. Mr. Wampler contacted Mr. Sullivan, the supervisor of project. The dust was being stirred up by earth scrapers traveling from a location where rock had been shot to level the roadway. Mr. Wampler noticed one area was rather dusty as he could see the dust when he approached the site. As Mr. Wampler spoke with Mr. Sullivan, the water truck arrived on-site bringing a load to the area. The reported party wet the area to quench the dust. Mr. Sullivan stated they are replacing the water truck muffler during downtime. The area did get dusty. Mr. Sullivan also stated they applied the water on a regular basis, but due to heavy traffic and extreme temperatures some dust was kicked up between water truck trips. Due to the water truck down time, this allowed for heavy traffic and extreme temperatures to dry the roadbed. Mr. Wampler recommended the reported party continue watering. Mr. Wampler did not cite any violations.								
Comp. No.	SE5569	Comp. Info	The complainant states the reported party is a contractor working on the west outer road between Park Hills and Farmington. The reported party generated so much dust visibility is low on U.S. Highway 67 when driving down the road.						

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Dates Received or Inspected: 8/1/2005 **through** 8/31/2005

Region	Inspection Date	Date Received	Suspected Source Owner/Operator	City	County Name	Type of Complaint	Complainant	Inspector Initials	NOV
SERO	8/15/2005	8/15/2005	DOE RUN COMPANY	Park Hills	St. Francois	Sludge	Belinda	DRL	
Comments	Mr. Lyons states The Doe Run Company is applying sludge to land that will not support vegetation. The sludge is used as a soil conditioner. This project is approved by the EPA. No further action necessary.								
Comp. No.	SE5571	Comp. Info	The complainant states the reported party is dumping tanks full of sludge and waste next to the road and in the fields. The tankers dumped approximately eight to ten tankers full of feces over the past several days. The complainant is concerned about ground contamination and reports the smell is horrible.						
SERO	8/16/2005	8/4/2005	LEMONS LANDFILL	Dexter	Stoddard	Odors	Connie Sanders	JC	
Comments	Ms. Chronister conducted a complete inspection of the facility. During the inspection, the facility records indicated one possible source of the complaint could be the Tyson Egg Truck that delivers spoiled eggs to the landfill two times per week. Mr. Lemons, the manager, stated they cover the eggs as soon as they are dumped because of the odor. Mr. Lemons also stated the odor is extremely strong and lingers for a period of time after the truck leaves and while they are covering the eggs. Mr. Lemons informed Ms. Chronister the heat and humidity caused the eggs to smell stronger and longer than it normally does during the colder weather. Ms. Chronister will continue to monitor the landfill for odors.								
Comp. No.	SE5545	Comp. Info	The complainant reports Lemons Landfill has been smelling bad for the last several months.						
SERO	8/22/2005	8/9/2005	YIELD PLUS	Scott City	Scott	Odors/Toxics	Ms. Cindy Modglin	AW	
Comments	Mr. Wampler spoke with the manager. The manager stated some ammonia odors can escape during the mixing process of a final product (liquid fertilizer). Mr. Wampler did not detect odors on the date of the investigation. The ammonia carts are kept in locked building due to theft. The product is safely contained in tanks. Mr. Wampler did not issue any violations at this time. The material has not been spilled.								
Comp. No.	SE5578	Comp. Info	The complainant reports odors causing headaches, nausea, and burning of the nose and throat. The odor is a strong ammonia smell.						
SLRO	8/3/2005	7/25/2005	THE ENVIRONMENTAL RESOURCE	St. Louis	St. Louis City	Burning/Other/Waste Oil	Anonymous	JMK	
Comments	Please see the incident report.								
Comp. No.	SL032189	Comp. Info	The facility has a primary burner to smelt aluminum and an air pollution unit (thermal oxidizer), which is to be used as a secondary burner. The St. Louis City Air Pollution Control Section permitted the unit on June 4, 2004. The burner has not yet been used but the facility plans to use an oxidizer to burn the solid waste. There are approximately 10,000 oil filters stored onsite (received from ADM, generated on barges). The facility originally planned to crush the filters, recycle steel rings and burn the oil as fuel. However, the facility now intends to burn the filters in the thermal oxidizer. There is approximately 10-15 drums containing contaminate material from a gas station. The drums are rusty and stored outside, they can be viewed from Howard Street. The material may eventually be burned in the oxidizer. The previous owner drained approximately 2,000 gallons of solvent from a tank onsite. The solvent is stored outside in plastic drums and covered with plastic. The drums can be viewed from Mullanphy Street. There is a 23,000 gallon tank used to store used oil containing approximately 6,000 gallons of oil on the top level of the building. The oil was intended to be cleaned up and used as a fuel for the oxidizer. The CEO is Mr. Robert Williams, he can be reached at (623) 551-0820.						

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Region	Inspection Date	Date Received	Suspected Source Owner/Operator	City	County Name	Type of Complaint	Complainant	Inspector Initials	NOV
SLRO	8/4/2005	8/4/2005	FRED WEBER, INC., SOUTH ASPH	St. Louis	St. Louis	Odors	Mr. Mike Bram	TWS	
Comments	The complaint will be put in the facility file. An on-site investigation will be performed in response to future complaints when the time/workload permits.								
Comp. No.	SL032170	Comp. Info	The complainant reports objectionable odor from an asphalt plant. The complainant stated he noticed an asphalt odor even though the asphalt plant has not been operating in the past two days. However, the odor is gone today. The complainant wonders if the odor is coming from the pile of recycled asphalt on the property.						
SLRO	8/17/2005	8/16/2005	MR. BURGESS	Silex	Lincoln	Burning	Ms. Judy Wilburn	KJA	
Comments	Mr. Kevin Arnold, an inspector with the department's St. Louis Regional Office (SLRO), informed Mr. Burgess of the open burning restrictions applicable to Lincoln County. Mr. Arnold informed Mr. Burgess that only untreated wood may be burned. All shingles and petroleum-based wastes must be disposed of properly. Mr. Burgess' manner indicated he most likely would comply. No further action necessary at this time.								
Comp. No.	SL032181	Comp. Info	The complainant alleges demolition waste from a building is being burned and it is creating black smoke.						
SLRO	8/25/2005	8/10/2005	ROGALSKI	Elsberry	Lincoln	Burning	Anonymous	KJA	
Comments	Mr. Arnold sent a warning letter to the reported party on August 25, 2005, with a copy of the state open burning restrictions.								
Comp. No.	SL032190	Comp. Info	The complainant alleges the reported party is burning miscellaneous wastes including plastics. Please see complaint #SL032043. The regional office previously investigated the reported party. investigated 7-7-05. No open burning observed. Previous complaint did not provide identity of alleged source. Complaint record 8-10-05 did provide name and address of alleged source.						
SWRO		8/5/2005	JOPLIN STONE CONCRETE/NELSO	Duenweg	Jasper	Fugitive Dust	Ms. Yvonne Frankin		
Comments									
Comp. No.	SW7267	Comp. Info	The complainant reports fugitive dust is traveling across the road and limiting visibility. At approximately 11:00 a.m., the complainant could smell the dust inside her car with the windows up and the air conditioning on.						
SWRO		8/10/2005	MR. ROBERT HOLCOMB	Mount Vernon	Lawrence	Asbestos	Anonymous		
Comments									
Comp. No.	SW7278	Comp. Info	The complainant states the reported party demolished and burned two houses with asbestos siding.						

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<i>Dates Received or Inspected:</i> 8/1/2005 <i>through</i> 8/31/2005									
<i>Region</i>	<i>Inspection Date</i>	<i>Date Received</i>	<i>Suspected Source Owner/Operator</i>	<i>City</i>	<i>County Name</i>	<i>Type of Complaint</i>	<i>Complainant</i>	<i>Inspector Initials</i>	<i>NOV</i>
SWRO		8/31/2005	RES	Carthage	Jasper	Odors	Mr. Charles Royer		
<i>Comments</i>									
<i>Comp. No.</i>	SW7364	<i>Comp. Info</i>	The complainant reports noxious odors from RES at 7:51 p.m. on August 30, 2005. The complaint contacted the departments Environmental Emergency Response Program. Please see incident report #0508301951HRM.						
SWRO		8/29/2005	RES	Carthage	Jasper	Odors	Ms. Trisha Orr		
<i>Comments</i>									
<i>Comp. No.</i>	SW7350	<i>Comp. Info</i>	On August 27, 2005, at 7:05 p.m., the complainant reports a medium/strong odor from RES. The odor was noticed on Central Street, all the way through Garrison Street, down to Lincoln Street. The complainant was on her way home at 7:00 p.m. and was on the way out of town, so she did not know the duration of the odor that evening.						
SWRO		8/29/2005	GILLIAM ELECTRIC	Anderson	McDonald	Open Dumps/Burning	Anonymous		
<i>Comments</i>									
<i>Comp. No.</i>	SW7347	<i>Comp. Info</i>	The complainant states Gilliam Electric is dumping and burning construction wastes, especially wiring. There is a currently a pile 15 feet high and 20 feet wide. When the pile reaches this size, the company usually burns it. The dump can not be seen from the front, so drive along the alley by the railroad tracks to get to it. There is currently a lot of equipment around it.						
SWRO		8/29/2005	RES	Carthage	Jasper	Odors	Anonymous		
<i>Comments</i>									
<i>Comp. No.</i>	SW7346	<i>Comp. Info</i>	The complainant states the odor is very bad. On a scale of one to ten, it is a 12. On Saturday evening, August 27, 2005, from 6:00p.m. until 8:00 p.m. The complainant lives on South McGregor behind the Braums, which is on Garrison. A relative in Alba (ten miles to the northwest) also noticed the odor on Saturday evening at 8:00 p.m.						
SWRO		8/26/2005	MR. EDWIN GREENE	Seymour	Douglas	Burning	Anonymous		
<i>Comments</i>									
<i>Comp. No.</i>	SW7343	<i>Comp. Info</i>	The complainant states the reported party is burning trash and other materials in a ditch where it can run off into Dry Creek Branch.						
SWRO		8/26/2005	UNKNOWN	Neosho	Newton	Burning	Anonymous		
<i>Comments</i>									
<i>Comp. No.</i>	SW7341	<i>Comp. Info</i>	The complainant reports open burning of an unknown material, which is causing discomfort on the soccer field next door. The reported party usually does this on Tuesdays and Thursdays between 6:00p.m. and 7:00 p.m.						

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Region	Inspection Date	Date Received	Suspected Source Owner/Operator	City	County Name	Type of Complaint	Complainant	Inspector Initials NOV
SWRO		8/23/2005	BRANSON TRAILERS	Ozark	Christian	Other	Anonymous	
Comments								
Comp. No.	SW7329	Comp. Info	The complainant states the neighbor's well has an oily sheen. There is a hole on the property that the owner is dumping old paint cans, etc. in to. Spray paint from the business is leaving the property and getting on neighboring vehicles. Please contact Jacki when the complaint is investigated at 575-8028.					
SWRO		8/5/2005	CARTHAGE SPECIALTY PALLET	Carthage	Jasper	Burning	Yvonne Franklin	
Comments								
Comp. No.	SW7266	Comp. Info	On August 3, 2005, and August 5, 2005, the complainant observed from highway burning in a large metal bin behind the Carthage Specialty Pallet building. Both instances were at approximately 9:15 a.m.					
SWRO		8/16/2005	MR. DAVE BOST	Sunrise Beach	Camden	Burning	Anonymous	
Comments								
Comp. No.	SW7301	Comp. Info	The complainant reports open burning of styrofoam from his own dock and from his neighbor's dock.					
SWRO		8/24/2005	G & H REDI MIX	Neosho	Newton	Fugitive Dust	Mr. Cecil Hembree	
Comments								
Comp. No.	SW7333	Comp. Info	The complainant reports fugitive dust when conditions are dry. He stated the plant is big and has a large through-put. The EPA forwarded this complaint to the department with the complainant's name and number. The complainant preferred to be anonymous, but unable to remain anonymous due to the EPA providing of name.					
SWRO	8/1/2005	8/1/2005	RES	Carthage	Jasper	Odors	Regina Wells	GLE
Comments Ms. Glennis Evans, an inspector with the department's Southwest Regional Office (SWRO), states surveillance of the facility is being conducted daily. Ms. Evans noticed very slight intermittent odors. Ms. Evans also noticed one truck uncovered at RES at approximately 1:30 p.m. Ms. Evans did not issue any violations.								
Comp. No.	SW7247	Comp. Info	The complainant reports bad odors described as a dead rodent smell. The complainant states the odors have been bad the past two nights, early this morning, and at lunch time today.					
SWRO	8/2/2005	7/29/2005	INDEPENDENT STAVE	Lebanon	Laclede	Fugitive Dust	Anonymous	GLE
Comments Ms. Evans did not observe any violations at the time of the investigation and did not observe sawdust leaving the facility's property. The regional office will continue surveillance.								
Comp. No.	SW7217	Comp. Info	The complainant states sawdust from a barrel manufacturing plant is emitting a lot of sawdust. The cloud of sawdust is filtered out over Interstate 44. The complainant noticed it on two different days (July 26 and 27, 2005).					

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Dates Received or Inspected: 8/1/2005 **through** 8/31/2005

Region	Inspection Date	Date Received	Suspected Source Owner/Operator	City	County Name	Type of Complaint	Complainant	Inspector Initials	NOV
SWRO	8/2/2005	8/2/2005	RES	Carthage	Jasper	Odors	Ms. Linda Liston	CCD	
Comments	Please see the daily memorandum concerning this matter. Ms. Camille Dobler, an inspector with the SWRO, noticed slight odors in area, but did not observe any violations of the state regulations. Ms. Dobler will send letters to complainant notifying her of the regulations.								
Comp. No.	SW7240	Comp. Info	The complainant reports very strong odor at the present time from RES. The complainant stated she noticed the odors while at her home and currently they are strong. The complainant also stated the odors are stronger today than they usually are.						
SWRO	8/2/2005	8/1/2005	MUELLENBERG CONCRETE	Sparta	Christian	Fugitive Dust	Anonymous	RAB	
Comments	Mr. Richard Barnes, an inspector with the SWRO, did not observe any violations at the time of the investigation. The regional office will continue surveillance.								
Comp. No.	SW7234	Comp. Info	The complainant states dust from a concrete plant is landing on cars and neighboring yards.						
SWRO	8/3/2005	8/2/2005	GRIDER	Camdenton	Camden	Burning	Anonymous	PFV	
Comments	Burning of vegetative waste on someone else's property is not regulated by the department. It is a criminal action taken care of by local police/sheriff's department. Since the complaint was made anonymously, Mr. Paul Vitzthum, an inspector with the SWRO, can not relay this information to the complainant. There is no further action necessary at this time. The reported party is not in violation of the state air regulations.								
Comp. No.	SW7243	Comp. Info	The complainant states the reported party is burning leaves on the complainant's property. The complainant states they informed the reported party of the current ban on open burning, but the reported party continues to burn. The complainant contacted the Osage Beach Fire Department and tried to contact the Sunrise Beach Fire Department, but were unsuccessful.						
SWRO	8/3/2005	8/3/2005	RES	Carthage	Jasper	Odors	Ms. Kay Abbiatti	DWA	
Comments	Mr. Allison toured the area on the morning of August 3, 2005, from approximately 8:00 a.m. to 9:00 a.m. and noted no particular odors. Mr. Allison conducted another tour of the area from approximately 11:00 a.m. to 12:00 p.m. and again noted no odors of the area. In order to notify of the complainant, Mr. Allison attempted to contact the complainant at her place of business. The complainant was not available, but Mr. Allison spoke with a co-worker, Ms. Brenda Spry, and relayed the findings of the investigation. Ms. Spry stated her opinion of the odors were a four on a scale from one to ten, ten being the worst. Ms. Spry also indicated she would relay the information to Ms. Abbiatti.								
Comp. No.	SW7254	Comp. Info	Via a voicemail message left for Ms. Dobler the complainant reported odors were evident at approximately 9:00 a.m. this morning. Ms. Dobler relayed this information to Mr. David Allison, also an inspector with the SWRO, at approximately 12:30 p.m. The RES facility was not in operation on this date.						
SWRO	8/4/2005	8/4/2005	UNKNOWN	Camdenton	Camden	Other	Anonymous	RAB	
Comments	Mr. Barnes observed asbestos/demolition work being conducted without authorization. Two buildings had been demolished with transite siding. The reported party is also burning demolition waste containing transite, lumber and fiberglass.								
Comp. No.	SW7258	Comp. Info	The complainant states the reported party is performing a demolition without removing transite.						

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Dates Received or Inspected: 8/1/2005 **through** 8/31/2005

Region	Inspection Date	Date Received	Suspected Source Owner/Operator	City	County Name	Type of Complaint	Complainant	Inspector Initials	NOV
SWRO	8/4/2005	8/4/2005	MR. LESS CHAPMAN	Cassville	Barry	Asbestos/Other	Ms. Pat Chapman	EHB	
Comments	Mr. Ed Bethel, an inspector with the SWRO, met with the complainant, Ms. Pat Chapman, and took notes from her regarding the illegal disposal of asbestos containing material by her ex-husband, Mr. Less Chapman. The material was reportedly removed from the Masonic Temple in El Dorado, Kansas in 1995. The EPA conducted an extensive investigation including excavation and sampling. No further action was taken. Mr. Bethel went to the property with Ms. Chapman and Mr. Ray Sayger. From a public right of way, Mr. Sayger showed Mr. Bethel where the asbestos was buried. Mr. Sayger stated he helped remove the material from the building in Kansas and haul it to Cassville. Mr. Sayger also stated Mr. Donnie Shelley, of Cassville, dug the hole and help placed the material in it. Mr. Sayger stated he did not help unload the truck. Mr. Bethel informed Ms. Chapman and Mr. Sayger he would provide their information to the department's Air Pollution Control Program to see if they would re-open the case.								
Comp. No.	SW7290	Comp. Info	The complainant states the reported party buried asbestos and other solid wastes in 1995. The reported party removed asbestos from a building in Kansas and brought it to Cassville and buried it.						
SWRO	8/5/2005	8/5/2005	RES	Carthage	Jasper	Odors	Mr. Jim Brown	EHB	
Comments	Mr. Bethel detected light odors in town. The odors may have been attributable to ADM's fire. The odors were not the usual type of odors from RES. Mr. Bethel spoke with Mr. Brown following his survey of the town to relay findings. Please see the daily log.								
Comp. No.	SW7261	Comp. Info	The complainant reports odors were strong the morning of Friday, August 5, 2005, at Central Street at 8:00 a.m. The complainant stated he was on his way to get coffee and he drove through an area of very strong odor at Central Street near the RES plant. On a scale of one to ten the complainant states odors were approximately a seven. The complainant also stated the odor has been very strong at his home in the past when the wind is out of the northeast.						
SWRO	8/5/2005	8/5/2005	CARTHAGE INDUSTRIAL AREA	Carthage	Jasper	Odors	Anonymous	EHB	
Comments	Mr. Bethel detected light odors in the area. The odors may be due to the recent fire at ADM. No odors were detected at RES by Mr. Bethel or other department staff that were in town for a meeting at RES.								
Comp. No.	SW7262	Comp. Info	The complainant states a rotten smell was detected at 8:15 a.m. The complainant described it as medium strength and a different type of odor. The complainant detected the odor at 300 West 3rd Street, which is Southwest Missouri Bank. Complainant did not identify any one responsible party.						
SWRO	8/5/2005	8/5/2005	UNKNOWN	Springfield	Greene	Burning	Anonymous	RAB	
Comments	Mr. Barnes referred the complaint to the Springfield-Green County Air Pollution Control Authority.								
Comp. No.	SW7259	Comp. Info	The complainant states the reported party is open burning at this moment. The complainant wonders if the reported party has a permit for this.						
SWRO	8/9/2005	8/9/2005	CARTHAGE INDUSTRIAL BOTTOM	Carthage	Jasper	Odors	Ms. Jeanne Wilson	CCD	
Comments	The complainant referenced odors on August 7, 2005, to the department's Environmental Services Program. Ms. Dobler was in Carthage on August 8, 2005. The regional office staff recorded the complaint on August 9, 2005. Ms. Dobler noted odors at Con Agra/turkey sheds, but not enough for a violation. Ms. Dobler did not detect any other odors in town. Please see the daily memorandums.								
Comp. No.	SW7275	Comp. Info	The complainant reports bad odor at 7:40 a.m.						

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Dates Received or Inspected: 8/1/2005 through 8/31/2005								
Region	Inspection Date	Date Received	Suspected Source Owner/Operator	City	County Name	Type of Complaint	Complainant	Inspector Initials NOV
SWRO	8/9/2005	8/5/2005	UNKNOWN	Dora	Douglas	Burning	Ms. Laura Woodward	RAB
Comments	Mr. Barnes did not issue a violation. Mr. Barnes states the fire is accidental and the local fire department has been to the site to try putting out the fire. The local fire department suggested letting it burn out. Mr. Barnes told the reported party to drag it down a little at a time.							
Comp. No.	SW7260	Comp. Info	The complainant reports odorous burning occurs everyday.					
SWRO	8/9/2005	8/4/2005	PETIT JEAN	Buffalo	Dallas	Odors	Mr. Bill Sprague	GLE
Comments	Ms. Evans did not note any violation during investigation. She did notice a slight odor in the driveway on the north and northwest side of the treatment facility. Ms. Evans spoke with the reported party, Mr. Sanderson. She gave him information on carbon canisters that other companies use odor control. The odor appears to occur when Greer's Pumping Service is at the facility pumping out sludge. Mr. Sanderson is going to check into the canister and possibly change pumping times. He will e-mail Ms. Evans when he has something in place.							
Comp. No.	SW7257	Comp. Info	The complainant reports odors that appear to be worse late in the evening after 7:00 p.m. The odors occur almost ever night.					
SWRO	8/10/2005	8/10/2005	UNKNOWN	Jasper	Jasper	Odors	Anonymous	PFV
Comments	Mr. Vitzthum notes the odors from the turkey operation are exempt. They are not 1A so they are exempt from the state odor regulations. No violation.							
Comp. No.	SW7283	Comp. Info	The complainant reports very bad odors from turkey houses that can be detected from Highway 71. The odor is most noticeable of an evening and has been bad for the past two or three days.					
SWRO	8/11/2005	8/11/2005	BURCCO CONSTRUCTION	Springfield	Greene	Burning	Anonymous	RAB 11317
Comments	Mr. Barnes issued an open burning violation for two 10x10 piles of lumber scraps including treated wood being burned at the time of the inspection.							
Comp. No.	SW7287	Comp. Info	The complainant states the reported party builds homes and is burning scrap lumber.					
SWRO	8/11/2005	3/23/2005	UNKNOWN	Lake Ozark	Camden	Other	Mr. Robert Vasey	KH
Comments	Mr. Kevin Hess, an inspector with the SWRO, notes that wind action can/does cause foaming in lakes and rivers. The inspector did not note water quality problems at any source.							
Comp. No.	SW6379	Comp. Info	When the wind blows out of the north the complainant notices a foam that resembles soapsuds along the shoreline. The complainant believes someone/something is polluting the lake.					
SWRO	8/11/2005	8/11/2005	RES	Carthage	Jasper	Odors	Ms. Dawn Leiser	CCD
Comments	Please see the daily memorandum. Ms. Dobler noted raw odors from RES, but not in violation with the odor regulations. RES indicated they had a spill. Ms. Dobler notified RES of the odor complainants. No further action necessary.							
Comp. No.	SW7288	Comp. Info	The complainant states she had to close windows last night due to odors. The odor was a six on a scale from one to ten. The complainant's home is located West of the plant. The complainant closed her windows at 11:20 p.m. She stated she is at work during normal business hours and gave her work number only for contact.					

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Dates Received or Inspected: 8/1/2005 **through** 8/31/2005

Region	Inspection Date	Date Received	Suspected Source Owner/Operator	City	County Name	Type of Complaint	Complainant	Inspector Initials	NOV
SWRO	8/12/2005	8/11/2005	RES	Carthage	Jasper	Odors	Ms. Trisha Orr	EHB	
Comments	Please see the daily memorandum. Mr. Bethel was in Carthage all day. He did note a slight gut odor North of town in the morning at 7:50 a.m. Mr. Bethel also noted the odor at 10:30 a.m. until 10:50 a.m. Mr. Bethel experience faint odors in the afternoon but did not detect any odors when leaving for the day. Ms. Dobler noted raw odors from RES on August 11, 2005. RES experienced a spill and cleaned it up, but had lingering odors.								
Comp. No.	SW7292	Comp. Info	The complainant reports intermittent odors during the afternoon of August 11, 2005, then very strong odors from RES at 7:15 p.m. on August 11, 2005.						
SWRO	8/16/2005	8/16/2005	UNKNOWN	Carthage	Jasper	Odors	Mr. Larry Pringle	CCD	
Comments	Please see the daily memorandum. Ms. Dobler noted light raw odors south of the bottoms. Ms. Dobler did not detect any violations.								
Comp. No.	SW7297	Comp. Info	The complainant states the odors are so strong it woke him out of sleep at 3:15 a.m.. The odor did not smell like sewage. The complainant stated it was a hard odor to describe but most like a raw smell. The complainant may have been a passing a gut rendering truck. He shut the windows and turned on the air conditioner.						
SWRO	8/16/2005	8/16/2005	CARTHAGE INDUSTRIAL BOTTOM	Carthage	Jasper	Odors	Ms. Janet Williams	CCD	
Comments	Please see the daily memorandums. Ms. Dobler detected light processing odors in town. No violations necessary at this time.								
Comp. No.	SW7298	Comp. Info	The complainant reports that she noted offensive odors last night from approximately 8:00 p.m. through 10:00 p.m.						
SWRO	8/16/2005	8/16/2005	MR. DON SANDERS/RES	Carthage	Jasper	Odors	Mr. Daniel Comer	CCD	
Comments	Ms. Dobler noticed light odors in town, but did not detect any violations. Please see the daily memorandum.								
Comp. No.	SW7303	Comp. Info	The complainant reports odors. Please see the attached e-mail.						
SWRO	8/16/2005	8/16/2005	CARTHAGE INDUSTRIAL BOTTOM	Carthage	Jasper	Odors	Ms. Jan O'Haro	GRP	
Comments	Please see the daily memorandum. Mr. George Parsons, an inspector with the SWRO, was in area at approximately 5:00 p.m. Mr. Parsons noticed slight processing odors, but did not detect any violations.								
Comp. No.	SW7305	Comp. Info	At 4:10 p.m., the complainant indicated offensive odors in the vicinity of the Flying W by Kellogg Lake.						
SWRO	8/17/2005	8/17/2005	RENEWABLE ENVIRONMENTAL S	Carthage	Jasper	Odors	Mr. Charles Royer	GRP	
Comments	Mr. Parsons was in Carthage at the time of the complaint. Mr. Parsons did notice a slight processing odors, but did not detect a violation. Please see the daily memorandums.								
Comp. No.	SW7308	Comp. Info	On August 16, 2005, at approximately 5:04 a.m., Mr. Royer reported foul smelling odors discharging from RES.						

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Dates Received or Inspected: 8/1/2005 **through** 8/31/2005

Region	Inspection Date	Date Received	Suspected Source Owner/Operator	City	County Name	Type of Complaint	Complainant	Inspector Initials	NOV
SWRO	8/17/2005	8/16/2005	MR. TURBYVILLE	Ozark	Christian	Burning	Anonymous	PFV	
Comments Mr. Vitzthum did not determine any problems. Open burning of trash is legal to do according to the state regulations for out state areas. The complainant is anonymous, therefore, Mr. Vitzthum is unable to obtain more information. No further action necessary at this time.									
Comp. No. SW7300 Comp. Info The complainant states the reported party has been burning trash continually for a week.									
SWRO	8/18/2005	8/12/2005	SILGAN CONTAINERS	Mount Vernon	Lawrence	Particulate	Anonymous	RAB	
Comments Mr. Barnes did not issue a violation at the time of the investigation. The reported party received complaints from Schneider, the next door neighbor, and is trying a new filter media.									
Comp. No. SW7294 Comp. Info The complainant indicated the reported party is having difficulty with can lines one and two. The complainant states that exhaust from the lines is causing particulate impact on the employee's and neighbor's vehicles. The complainant also states the plant manager is reviewing processes to divert stack emissions to prevent the impact on the parking lots. The complainant believes the filters on the lines are always clogged very quickly. The particulate is from the welding process on the cans that go through a baking/curing process.									
SWRO	8/19/2005	8/9/2005	PETIT JEAN	Buffalo	Dallas	Odors	Ms. Darlene Swanson	MDR	
Comments Mr. Mark Rader, an inspector with the SWRO, met with Mr. Frank Sanderson, Mayor Jerry Hardesty, Mr. Gus Payton of the city of Buffalo, Mr. Jim Anderson of Echo Labs, and Mr. Barnes, also with the SWRO. Mr. Rader did notice odors from the pretreatment system, although it is not a violation. Corrective actions are planned and in process. On August 9, 2005, Ms. Evans met with Mr. Sanderson. Ms. Evans presented Mr. Sanderson with the carbon canister information that might reduce the odor issues that appear to occur during the pumping stage of the sludge. Mr. Sanderson stated he would check into it and also change times of pumping to early morning. Mr. Sanderson gave a tour of the pretreatment facility. Mr. Rader noted mild odors but no violation.									
Comp. No. SW7273 Comp. Info The complainant reports odors were bad last night from 6:00 p.m. to 8:00 p.m.									
SWRO	8/19/2005	8/18/2005	PETIT JEAN POULTRY	Buffalo	Dallas	Odors	Ms. Frances Anderson	RAB	
Comments Mr. Barnes met with Mr. Frank Sanderson, Mayor Jerry Hardesty, Mr. Gus Payton, Mr. Jim Anderson, and Mr. Mark Rader. Mr. Barnes noticed odors North of the pretreatment system, but not in violation of the state regulations. Corrective actions are planned and in progress.									
Comp. No. SW7313 Comp. Info The complainant reports very bad odors on Wednesday evening. The complainant notices odors more in the evening and states the odor is not as frequent or severe during the day. The complainant also stated it was very bad last Wednesday evening as well. She visits her mother on Wednesdays and notes the odors when she returns home.									
SWRO	8/19/2005	8/19/2005	PETIT JOHN POULTRY	Buffalo	Dallas	Odors	Mr. Bill Sprague	RAB	
Comments Mr. Barnes met with Mr. Frank Sanderson, Mayor Jerry Hardesty, Mr. Gus Payton, Mr. Jim Anderson, and Mr. Mark Rader. Mr. Barnes noticed odors North of the pretreatment system, but not in violation of the state regulations. Corrective actions are planned and in progress.									
Comp. No. SW7314 Comp. Info The complainant reports very bad odors from the reported party.									

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Dates Received or Inspected: 8/1/2005 through 8/31/2005								
Region	Inspection Date	Date Received	Suspected Source Owner/Operator	City	County Name	Type of Complaint	Complainant	Inspector Initials NOV
SWRO	8/19/2005	8/19/2005	RES	Carthage	Jasper	Odors	Ms. Patricia Orr	EHB
Comments	Mr. Bethel made several tours through the area and did not detect any odors. Please see daily memorandum.							
Comp. No.	SW7319	Comp. Info	The complainant noticed a disgusting odor today at 12:30 p.m. The odor comes and goes.					
SWRO	8/19/2005	8/19/2005	RES	Carthage	Jasper	Waste Oil	Ms. Charlene Lacey	EHB
Comments	Mr. Bethel made several tours through town and noted no odors. No further action necessary. Please see the daily memorandum.							
Comp. No.	SW7320	Comp. Info	The complainant reports an odor on Highway 96 while crossing bridges over River and Mill Race.					
SWRO	8/19/2005	8/18/2005	PETIT JEAN POULTRY	Buffalo	Dallas	Odors	Ms. Darlene Swanson	RAB
Comments	Mr. Barnes met with Mr. Frank Sanderson, Mayor Jerry Hardesty, Mr. Gus Payton, Mr. Jim Anderson, and Mr. Mark Rader. Mr. Barnes noticed odors North of the pretreatment system, but not in violation of the state regulations. Corrective actions are planned and in progress.							
Comp. No.	SW7312	Comp. Info	The complainant reports odors from the plant are getting worse.					
SWRO	8/22/2005	8/22/2005	CARTHAGE INDUSTRIAL AREA	Carthage	Jasper	Odors	Ms. Linda Liston	GRP
Comments	Mr. Parsons was in the area in the afternoon. Mr. Parsons detected only slight odors from Con Agra. RES was not running. Please see the daily memorandum.							
Comp. No.	SW7322	Comp. Info	The complainant reports persistent foul smelling odors. She stated the odors are noticed between the hours of 4:30 a.m. and 9:00 a.m. almost every day. She did not file the complaint against a specific facility, but the odor appears to come from the downtown area. Her home is located near the intersection of Euclid and River Streets. She has contacted our office before regarding similar complaints.					
SWRO	8/30/2005	8/30/2005	RES	Carthage	Jasper	Odors	Ms. Kristi Hodkin	PFV
Comments	Mr. Vitzthum was in Carthage from 10:45 a.m. to 4:00 p.m. He did not have any odor detection of 7:1. Mr. Vitzthum did notice a faint chlorine and raw meat odor in the afternoon. No violations issued at this time.							
Comp. No.	SW7361	Comp. Info	The complainant reports a raw gut odor noted at 8:25 a.m.					
SWRO	8/30/2005	8/30/2005	MFA FEED MILL	Aurora	Lawrence	Fugitive Dust	Anonymous	PFV
Comments	Mr. Vitzthum did not issue a violation. He inspected MFA feed mill on August 30, 2005, but did not see any dust from the loading, unloading, or handling of material. The regional office will continue surveillance.							
Comp. No.	SW7354	Comp. Info	The complainant reports feed dust is covering the area. The dust started at approximately 7:00 p.m. on August 29, 2005.					

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Dates Received or Inspected: 8/1/2005 **through** 8/31/2005

Region	Inspection Date	Date Received	Suspected Source Owner/Operator	City	County Name	Type of Complaint	Complainant	Inspector Initials	NOV
SWRO	8/30/2005	8/30/2005	ADF RESEARCH	Verona	Lawrence	Odors	Mr. Roman Bontrager	RAB	
Comments	Mr. Barnes did not detect a violation, but did notice some odor at the plant boundary. It appeared to be the egg drying operation. Mr. Barnes spoke with the complainant and stated the department would keep ADF on the surveillance list.								
Comp. No.	SW7358	Comp. Info	The complainant state the reported party is discharging an overwhelming, bad odor from the plant. The odors were also bad the night of August 29, 2005. The odors made Mrs. Bontrager ill. The complainant stated the facility intermittently emits bad odors, gets fined, and operates without discharging odors for awhile, but always resumes discharging bad odors. The complainant does not have a telephone and would appreciate a visit from the investigator.						
SWRO	8/30/2005	8/30/2005	CARTHAGE INDUSTRIAL BOTTOM	Carthage	Jasper	Odors	Ms. Kay Abbiatt	PFV	
Comments	Mr. Vitzthum was in Carthage from 10:45 a.m. until 4:00 p.m. and did not have any odor detections of a 7:1 ratio. Mr. Vitzthum did notice a faint chlorine and raw meat odor in the afternoon. No violations detected at this time.								
Comp. No.	SW7359	Comp. Info	The complainant reported odors at 3:50 p.m. on August 30, 2005.						

SETTLEMENT UPDATE

September 19, 2005

AGREEMENT ACHIEVED

Violation	Name	Negotiations Initiated	Paid Amount	Penalty Suspended
Asbestos				
	AFS Grocery Store	02-03-05	\$500	\$1,500
	All State Abatement	08-10-05	\$1,000	\$2,000
	Angell, Daniel	12-14-04	\$0	\$0
	Bahm Demolition	07-26-04	\$2,500	\$7,500
	Barnes Construction and Roofing, Inc.	06-17-05	\$0	\$2,000
	Cannon Excavation, Inc.	08-23-04	\$0	\$0
	Cozean Memorial Chapel	06-17-05	\$500	\$1,500
	DHP Investment	05-11-04	\$2,000	\$4,000
	Dornin Demolition	02-03-05	\$0	\$2,000
	Eber, Dr. Jerry	03-04-04	\$1,000	\$9,000
	Enterprise Bank	02-15-05	\$0	\$0
	Glen Gery Corporation	06-14-05	\$4,000	\$6,000
	Highway 36 Enterprises, LLC	12-14-04	\$0	\$0
	J&C Environmental	02-18-04	\$1,500	\$4,500
	J&C Environmental	02-18-04	\$1,500	\$4,500
	Jim Kidwell Construction Corp	09-07-05	\$0	\$0
	KJT Environmental	03-29-05	\$500	\$1,500
	Lampley & Associates	10-27-03	\$1,000	\$3,000
	LeRoy Plaisted	07-18-05	\$0	\$2,000
	Marshall Enterprises Roofing, LLC	08-11-05	\$2,000	\$2,000
	Millersburg Feed and Trade LLC	12-16-04	\$0	\$0
	Paric Corporation	02-15-05	\$0	\$0
	Roush, Ted	12-06-04	\$500	\$1,500
	Smurfit-Stone	09-02-05	\$1,000	\$0
	St. Joseph, City of	01-25-05	\$0	\$0
	T&T Demolition	02-18-04	\$3,000	\$0
Asbestos/Open Burning				
	Consalus Funeral Home (Am. Pre-Arranged Services)	06-02-05	\$500	\$1,500
	Hoene, Jim	02-23-05	\$0	\$8,000
	Scott Excavating	06-02-05	\$2,000	\$0
Charcoal Kiln/Construction Permit/Operating Permit				
	Missouri Hardwood Charcoal	04-19-05	\$500	\$1,500
Construction Permit				
	All Line Equipment	05-04-05	\$500	\$1,500
	Citgo #2222	03-30-05	\$500	\$1,500
	Collins and Aikman	06-30-05	\$0	\$0

AGREEMENT ACHIEVED

Violation	Name	Negotiations Initiated	Paid Amount	Penalty Suspended
Construction Permit				
	James Cape & Sons Company	04-10-02	\$4,000	\$0
EIQ				
	Buddy's Cleaners	07-07-04	\$0	\$0
	Cameron Concrete	07-03-02	\$500	\$0
	Cameron Concrete	07-05-05	\$0	\$0
	Carson Funeral Home	07-08-02	\$500	\$0
	Dorothy's Cleaners	01-12-05	\$500	\$1,500
	Dry Clean \$1.69a	01-18-02	\$250	\$0
	Executive Shirt Service	08-25-03	\$1,500	\$0
	Indeeco	03-23-05	\$500	\$1,500
	L.M. Woodworking	07-05-05	\$500	\$1,500
	Midstates Laundry & Cleaners	07-11-02	\$250	\$0
	U.S. \$1.75 Cleaners	01-02-04	\$1,500	\$0
	W. L. Miller Company, Kirksville facility	07-07-05	\$500	\$1,500
	W. L. Miller Company, Portable Asphalt Plant	07-07-05	\$500	\$1,500
Fugitive Dust				
	Powell & Powell	07-07-05	\$0	\$2,000
MACT				
	Hydro Aluminum Wells	05-18-05	\$4,000	\$6,000
NSPS				
	Roland Machinery Company	05-31-05	\$2,000	\$4,000
Opacity				
	Magic Green Corporation	08-05-04	\$0	\$0
Open Burning				
	Galen Harper Real Estate	08-22-05	\$0	\$2,000
	Hicks, Marion	04-08-05	\$200	\$4,331
	Hutton, David	01-07-05	\$0	\$2,000
	Isenhour, Fred	06-02-05	\$500	\$1,500
	Jamie Seaton	12-29-04	\$0	\$0
	John Cavanaugh Construction, LLC	01-21-05	\$500	\$3,500
	Kelly, Richard	05-17-05	\$0	\$2,000
	Lake Annette, City of	08-06-04	\$0	\$2,000
	Lloyd Trucking	06-30-05	\$0	\$2,000
	MFA, Inc.	04-12-04	\$0	\$2,000
	Michael Fisher	05-03-05	\$500	\$1,500
	Morgan County Disposal	06-29-05	\$1,000	\$1,000
	Nancy McClland	06-24-05	\$2,000	\$2,000
	Paul Ferrel	06-22-01	\$500	\$1,500
	Randy McCloud	09-03-04	\$0	\$4,000

AGREEMENT ACHIEVED

Violation	Name	Negotiations Initiated	Paid Amount	Penalty Suspended
Open Burning				
	Show Me Shores Mobile Home Park	04-20-05	\$0	\$2,000
	Stricklin, Don	06-28-05	\$500	\$1,500
	Tackett, Larry	06-02-05	\$0	\$2,000
	Tim Wurst	08-23-05	\$500	\$1,500
Operating Permit				
	A B Chance	03-11-02	\$4,000	\$4,000
	Beelman River Terminals, Inc.	07-06-04	\$500	\$500
	E.F. Marsh Engineering	10-23-03	\$1,500	\$3,500
	Federal-Mogul Friction Products	12-20-04	\$2,000	\$3,000
	G3 Boats	03-19-04	\$3,000	\$3,000
	Martin Marietta	05-27-05	\$2,000	\$0
	Precision Marble	07-01-04	\$2,000	\$3,000
	Table Rock Asphalt (248 Quarry)	06-09-05	\$1,000	\$3,000
	Table Rock Asphalt (Quarry #3)	06-09-05	\$1,000	\$3,000
	VC Missouri Holdings	06-07-05	\$500	\$1,500
Stage I				
	Mobil (Froesel Oil)	07-07-05	\$500	\$3,500
Stage II				
	Black Jack Firestone	07-19-05	\$0	\$2,000
	Fastlane #3242	12-01-04	\$0	\$2,000
	Fisca #3704	03-17-05	\$2,500	\$0
	Golden Bear Fireworks of MO	08-24-05	\$0	\$2,000
	Ladue Automotive #2674	08-18-05	\$0	\$2,000
	Lauber's Mini Mart, Inc.	05-17-05	\$0	\$2,000
	Midwest Petroleum #2710 (MPC-88)	07-01-05	\$500	\$0
	Mobil #0183 (Wallis)	10-08-04	\$0	\$6,000
	Mobil #0364 (Wallis)	12-30-04	\$0	\$6,000
	Mobil #1503	12-02-04	\$0	\$6,000
	Mobil #2346 (Wallis)	02-25-05	\$0	\$6,000
	Mobil #2655 (Wallis Oil)	01-21-05	\$0	\$6,000
	Motomart/FKG #2154	07-14-05	\$1,500	\$0
	Phillip 66 (National Petroleum)	06-16-04	\$1,500	\$0
	pinnacle mobil	12-01-04	\$0	\$2,000
	Quick Mart-9725 Lackland Blvd	08-22-05	\$0	\$2,000
	Shell #2073 (Spirit Energy)	11-12-04	\$2,000	\$0
	Sinclair #2152	06-09-05	\$1,500	\$0
	Spirit Energy - Shell Station	06-16-05	\$1,000	\$2,000
	U-Gas #2457	07-07-05	\$2,000	\$2,000
	U-Gas #2844	07-07-05	\$2,000	\$2,000

AGREEMENT ACHIEVED

Violation	Name	Negotiations Initiated	Paid Amount	Penalty Suspended
Stage II - Construction				
	Commonwealth Construction	02-25-05	\$500	\$1,500
Stage II - Dispense Illegally				
	Petromart #2007 (Western Oil)	05-12-05	\$0	\$2,000
Vapor Recovery				
	Pinnacle Mobil	12-01-04	\$0	\$2,000

NEGOTIATIONS ONGOING

Violation	Name	Negotiations Initiated
Asbestos		
	Allega, Leland	09-07-05
	Bricker Excavating	02-28-05
	Building Restoration/Mound City Development	12-15-04
	C & D Heating and Cooling	01-23-04
	Carver, Craig	11-17-04
	Cason, Cheri	07-30-04
	DECO	08-24-05
	First Baptist Church Doniphan	08-04-04
	Gaines Wrecking	02-24-04
	GMMP	02-09-04
	Hance Excavating	12-14-04
	Havens, Paula	09-15-05
	Henderson Construction	07-18-05
	Hobby Lobby	05-12-05
	Hoggatt, Travis	03-29-04
	Hoot-N-Anny's Bar Grill	12-03-04
	Independence Fire Department	09-07-05
	King Environmental	06-14-05
	LRA	06-16-03
	Millennium Wrecking, Inc.	03-05-04
	MoDOT	08-21-03
	Morgan Development Company	04-01-04
	Noble Stone Company	08-30-05
	Prestige Construction	12-16-04
	Renegade Construction, Inc.	06-17-05
	Seth Paul Excavating, Inc.	08-30-05
	Shelter Mutual Insurance Companies	08-30-05
	St. Louis Public Safety	11-03-03
	Tri-State Construction/Demolition LLC	09-15-05
	Xishu Pratt	08-10-05
Asbestos/Open Burning		
	Accent Development	09-16-05
	Cedar Acres Resort	09-16-05
	GCR Enterprises	04-05-04
	Gilworth Furniture	07-30-04
	Hill Brothers Construction	09-16-05
	Waste Corporation of America	09-16-05
Construction Permit		
	Courtney Excavating and Construction Inc	08-10-04

NEGOTIATIONS ONGOING

Violation	Name	Negotiations Initiated
Construction Permit		
	Daimler Chrysler- St. Louis South	04-25-05
	MFA Agri Services-Laddonia	08-26-04
	Pacific Phillips 66	05-04-05
	The Environmental Resource	10-18-04
Denial of Access		
	Gerstner, Bernie	06-02-05
Dry Cleaning		
	Slaughter's Cleaners	12-28-04
EIQ		
	Payless Concrete	06-24-05
	Specialloy Metals	07-05-05
	Specialloy Metals, Inc.	07-05-05
Excess Emissions		
	Premium Standard Farms Somerset	09-02-05
MACT		
	Stewart's Quality Cleaners	12-22-04
Odor		
	Renewable Environmenal Solutions, LLC	08-05-05
Open Burning		
	B & R Salvage	06-24-05
	Banks, Tom	06-08-05
	Bill Mann/dba Bill Mann/WB Two, LLC	09-16-05
	Blackwater, City of	06-28-05
	Burkeybile, Bob	12-21-04
	Crocker, Mark (CCC Properties)	03-15-05
	Cunningham, Charlie	04-26-05
	D&D Construction	04-11-05
	Daniel Gross	05-21-02
	Earl, Mike & Diane	06-09-05
	Federal Compress & Warehouse Company, Inc.	09-13-05
	Gerlt, Donald	06-08-05
	Glenn Sellers, Sr.	08-30-05
	H. David Kruger dba Rural Trash Services	12-27-04
	Helton, Greg	03-14-05
	Helton, Greg	03-14-05
	holloran, matt	08-18-05
	Jackson, Kim and Terry	07-26-05
	Kester's House Moving	04-28-04
	Lloyd Jones (salvage business)	09-02-05

NEGOTIATIONS ONGOING

Violation	Name	Negotiations Initiated
Open Burning		
	Marco, Justin	06-02-05
	Mark Russell	04-08-05
	Mike's Wrecker Service	08-16-05
	Milsteads 131 Drive-In	03-21-05
	Mr. & Mrs. Gary Herndon (Rawlin Bloom)	06-06-05
	Precision Automotive	08-18-05
	Roberts, Randy	06-24-05
	Rural Trash Services (Kruger)	12-02-04
	Sharp Excavating	06-28-05
	Singleton, John	02-06-04
	Sumpter & Son Pallet	04-04-05
	Tanya Gallagher / Michael Israel	09-02-05
	twehous excavating company inc	07-26-05
Operating Permit		
	1st Capitol Cleaners	08-27-03
	Buckhorn Rubber	06-09-05
	G3 Boats	03-19-04
	K&R Wood Products Inc	12-28-04
	King Quarry Incorporated	08-25-03
Solvent Metal Cleaning/Construction Permit		
	Beelman River Terminals	06-09-05
Stage I Delivery		
	Groendyke Transport, Inc.	09-13-05
Stage II		
	BP Amoco #0231	03-22-05
	BP AMOCO #0276	03-09-05
	BP AMOCO #0287	03-09-05
	BP AMOCO #2053	03-09-05
	BP Amoco #2383	01-20-05
	BP AMOCO #2539	06-24-05
	BP Amoco #2586	04-27-05
	BP AMOCO #3409	03-09-05
	BP Amoco #3611	03-14-05
	BP AMOCO 2586	04-28-05
	BP/AMOCO #2539	06-24-05
	Pinnacle Petroleum, Washington station	09-16-05
	Sam's Club #3000	05-13-05
Stage II - Dispense Illegally		
	U-Gas-S. Hanley Rd.	09-16-05

NEGOTIATIONS ONGOING

Violation	Name	Negotiations Initiated
Vapor Recovery		
	Rosemark #3 Phillips 66	12-02-04

PENDING CASES REFERRED
TO ATTORNEY GENERAL'S OFFICE

Violation	Name	Commission Referral Date
Asbestos		
	Foster's Pelican Point Family Limited Partnership	09-30-04
	Foster, Buford	09-30-04
	Goodwin Bros. Construction	02-10-05
	Hayes Jr., Reverend Lloyd	05-26-05
	Loni Properties	02-10-05
	Royal Environmental	04-24-04
Denial of Access		
	Olean Seed Company	03-31-05
EIQ		
	Colonial Cleaners & Commercial Laundry	03-27-03
	Hilty Quarries	05-29-03
EIQ/Operating Permit		
	Dry Clean \$1.69	03-28-02
MACT		
	Scrubby Duds, Kirksville	06-21-01
Open Burning		
	Ford, Steve	09-30-04
	Gary Schmidt	12-04-03
	John Castle	05-26-05
	John E. Childs	10-22-04
	Joseph A. Ayres	02-10-05
	Rocky Keirn	08-25-05
	Ron Sells	08-25-05
	Roy Purinton	05-29-03
	Troy Colley	06-30-05
	Tyke Entertainment dba Shooter's 21	
Operating Permit		
	Black Tie Cleaners	06-24-04
	National Dry Cleaners	03-25-04
Stage I		
	Indepence Gas & Speedy Mart, Inc.	05-26-05
Stage II		
	Casey's General Store	12-02-04
	Purschke Oil Company	04-29-04



Missouri Department of Natural Resources
Division of Environmental Quality
Air Pollution Control Program

**PERMIT APPLICATIONS
RECEIVED**

	Construction Permits	Operating Permits	Total
January	41	31	72
February	51	37	88
March	73	28	101
April	52	25	77
May	69	24	93
June	38	30	68
July	53	30	83
August	30	22	52
Total	407	227	634

Department of Natural Resources

Division of Environmental Quality

Permits Management System

Air Pollution Control Program

Company: Browning-Ferris Industries Landfill	Description: Landfill flares
Location: County Hwy DD	Permit Type: AP: Sec 5 & 6: Dminimis and Minor
City: Lamar	Status: AP: Technical Review
County: Barton	Received: 8/5/2005
Project#: AP200508013	
Company: O'Sullivan Industries	Description: Ready to assemble furniture
Location: 1900 Gulf St	Permit Type: AOP: Part 70 Operating Permit Renewal
City: Lamar	Status: AP: Receive, Log, Assign
County: Barton	Received: 8/3/2005
Project#: AP200508009	
Company: Sara Lee Foods	Description: Smoked Mets
Location: 5807 Mitchell Ave	Permit Type: AOP: Basic Operating Permit Renewal
City: St. Joseph	Status: AP: Received Basic OP Issued
County: Buchanan	Received: 8/9/2005
Project#: AP200508027	
Company: ABB Power T & D Company Inc.	Description: Transformers
Location: 500 W HIGHWAY 94	Permit Type: AOP: Part 70 Operating Permit Renewal
City: Jefferson City	Status: AP: Receive, Log, Assign
County: Callaway	Received: 8/1/2005
Project#: AP200508010	
Company: Fulton Sanitary Landfill	Description: Passive flare
Location: State Road H	Permit Type: AP: Applicability Determination Request
City: Fulton	Status: AP: Awaiting Completeness Check
County: Callaway	Received: 8/24/2005
Project#: AP200508052	
Company: Lone Star Industries	Description: Barge Unloading
Location: 2524 South Sprigg Street	Permit Type: AP: Sec 5 & 6: Dminimis and Minor
City: Cape Girardeau	Status: AP: Technical Review
County: Cape Girardeau	Received: 8/15/2005
Project#: AP200508034	
Company: DairiConcepts	Description: Dairy product manufacturing
Location: 305 W Hwy 54	Permit Type: AOP: Part 70 Operating Permit Renewal
City: El Dorado Springs	Status: AP: Awaiting Completeness Check
County: Cedar	Received: 8/29/2005
Project#: AP200508071	
Company: Sericol, Inc.	Description: Heat cleaning oven
Location: 20 W. 14th Ave.	Permit Type: AP: Sec 5 & 6: Dminimis and Minor
City: N. Kansas City	Status: AP: Awaiting Fees
County: Clay	Received: 8/11/2005
Project#: AP200508032	
Company: Valspar	Description: Baghouse
Location: 1136 FAYETTE ST	Permit Type: AP: Applicability Determination Request
City: N. Kansas City	Status: AP: Awaiting Completeness Check
County: Clay	Received: 8/12/2005
Project#: AP200508033	
Company: Asphalt Products, Inc.	Description: Asphalt
Location: 2606 W Edgewood	Permit Type: AOP: Basic Operating Permit Amendment
City: Jefferson City	Status: AP: Receive, Log, Assign
County: Cole	Received: 8/8/2005
Project#: AP200508040	

Company: Capital Quarries, Inc. Christy Drive	Description: Crushing - Amend for BMPs - electrosu
Location: 2229 Christy Drive	Permit Type: AP: IR Sec 5 & 6: Deminimis and Minor
City: Jefferson City	Status: AP: Technical Review
County: Cole	Received: 8/1/2005
Project#: AP200508007	
Company: Capital Quarries, Inc. Stadium Plant	Description: Rock Crushing
Location: 822 W STADIUM BLVD	Permit Type: AOP: Basic Operating Permit Amendment
City: JEFFERSON CITY	Status: AP: Receive, Log, Assign
County: Cole	Received: 8/4/2005
Project#: AP200508018	
Company: Norris Asphalt Paving	Description: Rock Crushing-Cancelled
Location: 16664 County Hwy C	Permit Type: AP: Sec 4: Relocate Approved Site
City: Pattonsburg	Status: AP: Section 4 Permit Issued
County: Daviess	Received: 8/29/2005
Project#: AP200508061	
Company: Campbell Municipal Power Plant	Description: Power Generation - Was BAS
Location: T21N:R09E:S03 W Mill St	Permit Type: AOP: Intermediate Operating Permit
City: Campbell	Status: AP: Receive, Log, Assign
County: Dunklin	Received: 8/23/2005
Project#: AP200508046	
Company: Aaron's Automotive Products, Inc.	Description: Auto Part Remanufacturing-Currently P70
Location: 2600 N WESTGATE AVE	Permit Type: AOP: Basic Operating Permit
City: Springfield	Status: AP: Received Basic OP Issued
County: Greene	Received: 8/22/2005
Project#: AP200508057	
Company: City Utilities of Springfield (Southwest	Description: Fuel Oil Storage Tank
Location: 5050 W County Rd 164	Permit Type: AP: Sec 5 & 6: Deminimis and Minor
City: Springfield	Status: AP: Technical Review
County: Greene	Received: 8/25/2005
Project#: AP200508054	
Company: Courtney Excavating - Willow Springs	Description: Amend for BMPs
Location: T27N:R10W:S15:SW:SW County Hwy AM	Permit Type: AP: IR Corrections & Amendments
City: Willow Springs	Status: AP: Awaiting Fees
County: Howell	Received: 8/3/2005
Project#: AP200508008	
Company: APAC - Kansas Inc	Description: Screen Replacement
Location: 2001B MO Hwy 291	Permit Type: AP: IR Applicability Determination Request
City: Sugar Creek	Status: AP: Permit Required
County: Jackson	Received: 8/8/2005
Project#: AP200508022	
Company: Midwest Scrap Management	Description: Scrap Metal Shredding
Location: 8116 Wilson Rd	Permit Type: AP: Local CP
City: Kansas City	Status: AP: Receive, Log, Assign
County: Jackson	Received: 8/29/2005
Project#: AP200508063	
Company: Leo Journagan Construction Co Inc	Description: Asphalt - co-location
Location: T28N:R25W:S21:SE:NW MO Hwy 174	Permit Type: AP: IR Sec 5 & 6: Deminimis and Minor
City: Pierce City	Status: AP: Section 5 Permit Issued
County: Lawrence	Received: 8/3/2005
Project#: AP200508005	
Company: MO Rehabilitation Center-	Description: Paint Booth
Location: 600 N Main St	Permit Type: AP: Applicability Determination Request
City: Mount Vernon	Status: AP: Receive, Log, Assign
County: Lawrence	Received: 8/30/2005
Project#: AP200508068	

Company: 300 Watson Rd LLC	Description: Concrete
Location: 326 Watson Rd	Permit Type: AP: IR Sec 5 & 6: De minimis and Minor
City: Troy	Status: AP: Technical Review
County: Lincoln	Received: 8/30/2005
Project#: AP200508067	
Company: Toyota Motor Corp - Bodine Aluminum	Description: Comfort Venting
Location: 100 Cherry Blossom Way	Permit Type: AP: Applicability Determination Request
City: Troy	Status: AP: Awaiting Completeness Check
County: Lincoln	Received: 8/26/2005
Project#: AP200508059	
Company: Norris Asphalt Paving Co - Mercer	Description: Asphalt
Location: T66N:R23W:S22:NW:SW County Hwy M	Permit Type: AP: Sec 4: Relocate to New Site
City: Mercer	Status: AP: Section 4 Permit Issued
County: Mercer	Received: 8/15/2005
Project#: AP200508035	
Company: H.T.R. Inc - Lake Ozark	Description: Hg level calculations
Location: 415 Kaiser Industrial Dr	Permit Type: AP: Applicability Determination Request
City: Kaiser	Status: AP: Awaiting Completeness Check
County: Miller	Received: 8/30/2005
Project#: AP200508066	
Company: Gates Rubber Company	Description: Add extruder
Location: 1300 PLANT RD	Permit Type: AP: Applicability Determination Request
City: Charleston	Status: AP: No Permit Required
County: Mississippi	Received: 8/8/2005
Project#: AP200508023	
Company: Capital Quarries, Inc.	Description: Crusher - amend for BMPs-electrosub
Location: 55588 Wingate Ford Road	Permit Type: AP: IR Sec 5 & 6: De minimis and Minor
City: California	Status: AP: Technical Review
County: Moniteau	Received: 8/1/2005
Project#: AP200508006	
Company: AECI Nodaway Power Plant	Description: Condition references
Location: County Hwy N	Permit Type: AP: Corrections & Amendments
City: MARYVILLE	Status: AP: Receive, Log, Assign
County: Nodaway	Received: 8/25/2005
Project#: AP200508053	
Company: Eveready Battery Company, Inc.	Description: Welded Collector Machine
Location: 3131 East First Street	Permit Type: AP: Applicability Determination Request
City: Maryville	Status: AP: Awaiting Completeness Check
County: Nodaway	Received: 8/26/2005
Project#: AP200508056	
Company: Delta Asphalt-Caruthersville	Description: Asphalt
Location: T18N:R13E:S08:SW:SE	Permit Type: AP: Sec 4: Relocate to New Site
City: Caruthersville	Status: AP: IR Completeness Check
County: Pemiscot	Received: 8/29/2005
Project#: AP200508062	
Company: LaFarge Construction Materials	Description: Crusher Exchange
Location: 21469 HIGHWAY 50	Permit Type: AP: IR Applicability Determination Request
City: Sedalia	Status: AP: Awaiting Completeness Check
County: Pettis	Received: 8/11/2005
Project#: AP200508060	
Company: Tyson Foods-Chicken	Description: Steam Boiler
Location: 19571 WHITFIELD RD	Permit Type: AP: Sec 5 & 6: De minimis and Minor
City: SEDALIA	Status: AP: Technical Review
County: Pettis	Received: 8/31/2005
Project#: AP200509002	

Company: Royal Canin USA Inc	Description: Extrusion Line
Location: 1700 Old Bridge School Rd	Permit Type: AP: Sec 5 & 6: Deminimis and Minor
City: Rolla	Status: AP: Applicant Response to Subsequent
County: Phelps	Received: 8/5/2005
Project#: AP200508014	
Company: Leo Journagan Construction	Description: Asphalt
Location: T33N:R24W:S23	Permit Type: AP: Sec 4: Relocate Approved Site
City: Bolivar	Status: AP: Applicant Hold Request
County: Polk	Received: 8/3/2005
Project#: AP200508037	
Company: C.B. Asphalt - Waynesville	Description: Asphalt
Location: T35N:R13W:S12:NE:NE	Permit Type: AP: Sec 4: Relocate to New Site
City: Waynesville	Status: AP: Section 4 Permit Issued
County: Pulaski	Received: 8/18/2005
Project#: AP200508041	
Company: Pulaski Veterinary Clinic	Description: Animal Incinerator
Location: 22199 County Hwy Y	Permit Type: AOP: Basic Operating Permit Renewal
City: Waynesville	Status: AP: Received Basic OP Issued
County: Pulaski	Received: 8/10/2005
Project#: AP200508025	
Company: Chester Bross Construction - Cairo	Description: Concrete
Location: T54N:R14W:S01:N (US 63 & Hwy K)	Permit Type: AP: Sec 4: Relocate to New Site
City: Cairo	Status: AP: Request Approved
County: Randolph	Received: 8/3/2005
Project#: AP200508012	
Company: W. A. Ellis Construction Co	Description: Rock Crushing
Location: County Hwy O	Permit Type: AOP: Basic Operating Permit Renewal
City: Orrick	Status: AP: Received Basic OP Issued
County: Ray	Received: 8/19/2005
Project#: AP200508044	
Company: Baue Funeral And Memorial Center	Description: Crematory
Location: 3950 W CLAY ST	Permit Type: AOP: Basic Operating Permit Renewal
City: St. Charles	Status: AP: IR Completeness Check
County: St. Charles	Received: 8/24/2005
Project#: AP200508058	
Company: Braking Technologies Inc.	Description: Change plant configuration
Location: 835 TEXAS CT	Permit Type: AP: Sec 5 & 6: Deminimis and Minor
City: O'Fallon	Status: AP: Awaiting Fees
County: St. Charles	Received: 8/4/2005
Project#: AP200508011	
Company: Braking Technologies Inc.	Description: Brake Products
Location: 835 TEXAS CT	Permit Type: AOP: Basic Operating Permit Renewal
City: O'Fallon	Status: AP: Received Basic OP Issued
County: St. Charles	Received: 8/5/2005
Project#: AP200508015	
Company: Nike-IHM	Description: Paint Booth
Location: 8 Research Park Drive	Permit Type: AP: Applicability Determination Request
City: St. Charles	Status: AP: Permit Required
County: St. Charles	Received: 8/10/2005
Project#: AP200508024	
Company: Union Electric Co, Sioux Plant	Description: Power Plant
Location: 8501 N STATE ROUTE 94	Permit Type: AOP: Part 70 Operating Permit Renewal
City: West Alton	Status: AP: Awaiting Completeness Check
County: St. Charles	Received: 8/11/2005
Project#: AP200508031	

Company: Whitmire Micro-Gen	Description: Termite Bait Tablets
Location: 1449 Hoff Industrial Dr	Permit Type: AP: Applicability Determination Request
City: O'Fallon	Status: AP: Awaiting Completeness Check
County: St. Charles	Received: 8/18/2005
Project#: AP200508042	
Company: Farmington Correctional Center	Description: Correctional Facility
Location: 1012 W Columbia	Permit Type: AOP: Basic Operating Permit Renewal
City: Farmington	Status: AP: IR Completeness Check
County: St. Francois	Received: 8/8/2005
Project#: AP200508026	
Company: Iron Mountain Trap Rock	Description: Add equipment - BMP
Location: County Hwy W	Permit Type: AP: IR Sec 5 & 6: Deminimis and Minor
City: Iron Mountain	Status: AP: Technical Review
County: St. Francois	Received: 8/22/2005
Project#: AP200508045	
Company: Lead Belt Materials Company	Description: Add equipment, BAS to INT?
Location: 6649 OLD BONNE TERRE RD	Permit Type: AOP: Intermediate Operating Permit Amendm
City: BONNE TERRE	Status: AP: Awaiting Completeness Check
County: St. Francois	Received: 8/29/2005
Project#: AP200508070	
Company: Allsafe Services & Materials	Description: Flexible Traffic Tape
Location: 2025 Hitzert Ct	Permit Type: AOP: Part 70 Operating Permit Renewal
City: Fenton	Status: AP: Receive, Log, Assign
County: St. Louis	Received: 8/4/2005
Project#: AP200508019	
Company: Drumtech	Description: Terminate OP
Location: 5066 Rear Manchester	Permit Type: AOP: Part 70 Operating Permit Admin. Amend
City: St. Louis	Status: AP: Operating Permit Terminated
County: St. Louis City	Received: 8/24/2005
Project#: AP200508051	
Company: JW Aluminum	Description: Amend for banking
Location: 6100 S BROADWAY	Permit Type: AOP: Part 70 Operating Permit Sign. Modificat
City: St. Louis	Status: AP: Receive, Log, Assign
County: St. Louis City	Received: 8/31/2005
Project#: AP200509004	
Company: JW Aluminum	Description: Bank 884 Tons BOC
Location: 6100 S BROADWAY	Permit Type: AP: Banking Requests
City: St. Louis	Status: AP: Receive, Log, Assign
County: St. Louis City	Received: 8/31/2005
Project#: AP200509003	
Company: Mallinckrodt Chemical	Description: Waste Tanks
Location: 3600 N 2ND ST	Permit Type: AP: Local CP
City: St. Louis	Status: AP: Receive, Log, Assign
County: St. Louis City	Received: 8/29/2005
Project#: AP200508065	
Company: Sigma - Aldrich Corp	Description: Replace Tanks
Location: 3300 S 2ND ST	Permit Type: AP: Local CP
City: St. Louis	Status: AP: Receive, Log, Assign
County: St. Louis City	Received: 8/4/2005
Project#: AP200508017	
Company: Slay Bulk Terminal	Description: Fuel and material transfer
Location: 2300 S Lennor K Sullivan	Permit Type: AOP: Basic Operating Permit
City: St. Louis	Status: AP: Receive, Log, Assign
County: St. Louis City	Received: 8/4/2005
Project#: AP200508016	

Company: SSM Cardinal Glennon Children's Hospital	Description: Children's hospital boilers
Location: 1465 South Grand Blvd	Permit Type: AOP: Basic Operating Permit
City: St. Louis	Status: AP: Receive, Log, Assign
County: St. Louis City	Received: 8/15/2005
Project#: AP200508039	
Company: St Louis Regional Medical Cent	Description: Basic - Patient Care
Location: 5535 DELMAR BLVD	Permit Type: AOP: Basic Operating Permit Renewal
City: St. Louis	Status: AP: Receive, Log, Assign
County: St. Louis City	Received: 8/15/2005
Project#: AP200508038	
Company: Universal Printing Co	Description: Sheetfed press
Location: 1701 Macklind Ave	Permit Type: AP: Local CP
City: St. Louis	Status: AP: Receive, Log, Assign
County: St. Louis City	Received: 8/29/2005
Project#: AP200508064	
Company: APAC Brickey's Stone LLC	Description: Temporary Crusher
Location: 13588 BRICKEYS RD	Permit Type: AP: IR Sec 5 & 6: Deminimis and Minor
City: Bloomsdale	Status: AP: Technical Review
County: Ste. Genevieve	Received: 8/15/2005
Project#: AP200508036	
Company: W. W. Wood Products, Inc.	Description: Heating
Location: 10331 Stanley Street	Permit Type: AP: Applicability Determination Request
City: Dudley	Status: AP: Receive, Log, Assign
County: Stoddard	Received: 8/26/2005
Project#: AP200508055	
Company: Current River Pole Company, LLC	Description: Wood-fired boiler
Location: 200 Staples Lane	Permit Type: AOP: Basic Operating Permit
City: Licking	Status: AP: Initial Clerical Prep
County: Texas	Received: 8/29/2005
Project#: AP200508069	
Company: Ozark Asphalt at Doss and Harper	Description: Asphalt
Location: MO Hwy 17 S	Permit Type: AP: Sec 4: Relocate to New Site
City: Houston	Status: AP: IR Unit Chief Review
County: Texas	Received: 8/19/2005
Project#: AP200508043	
Company: APAC Missouri-Wash. County	Description: Asphalt - electrosb - BMPs
Location: MO Hwy 21	Permit Type: AP: Sec 4: Relocate to New Site
City: Potosi	Status: AP: Section 4 Permit Issued
County: Washington	Received: 8/2/2005
Project#: AP200508004	



Missouri Department of Natural Resources
Division of Environmental Quality
Air Pollution Control Program

**PERMIT APPLICATIONS
COMPLETED**

	Construction Permits	Operating Permits	Total
January	30	19	49
February	41	35	76
March	87	35	122
April	45	13	58
May	70	23	93
June	44	27	71
July	65	43	108
August	55	94	149
Total	437	289	726

Department of Natural Resources

Division of Environmental Quality

Permits Management System

Air Pollution Control Program

Company: Herzog Contracting at Martin-Marietta	Received	Completed	Permit #	Days Used
Location: 16298 Hwy 71	7/11/2005	8/9/2005	072001-005	29
City: Savannah	Description:	Amend for BMPs		
County: Andrew	Permit Type:	AP: IR Corrections & Amendments		
Project#: AP200507065	Status:	AP: Amendment Approved		
Company: Norris Asphalt Paving - Breit Quarry	Received	Completed	Permit #	Days Used
Location: 16298 Hwy 71	6/2/2005	8/8/2005	082005-006	67
City: Savannah	Description:	Colocate PORT-0107-electrosub		
County: Andrew	Permit Type:	AP: IR Sec 5 & 6: Dminimis and Minor		
Project#: AP200506003	Status:	AP: Section 5 Permit Issued		
Company: Norris Asphalt Paving - Breit Quarry	Received	Completed	Permit #	Days Used
Location: 16298 Hwy 71	6/30/2005	8/3/2005	OP	34
City: Savannah	Description:	Limestone		
County: Andrew	Permit Type:	AOP: Basic Operating Permit		
Project#: AP200507003	Status:	AP: Received Basic OP Issued		
Company: Campbell Family Farms Inc	Received	Completed	Permit #	Days Used
Location: 444 Farm Rd 1100	5/20/2005	8/5/2005		77
City: Monett	Description:	2.5 mmBTU Boiler		
County: Barry	Permit Type:	AP: Applicability Determination Request		
Project#: AP200505086	Status:	AP: No Permit Required		
Company: Fasco Industries	Received	Completed	Permit #	Days Used
Location: Sale Barn Road	9/3/2002	8/24/2005	OP	1086
City: Cassville	Description:	Electric Motors		
County: Barry	Permit Type:	AOP: Intermediate Operating Permit		
Project#: AP200209030	Status:	AP: Closed out, per policy		
Company: Fasco Industries	Received	Completed	Permit #	Days Used
Location: Sale Barn Road	12/23/2004	8/15/2005	OP2005-022	235
City: Cassville	Description:	INT from P70 (Motors)		
County: Barry	Permit Type:	AOP: Intermediate Operating Permit		
Project#: AP200412096	Status:	AP: Operating Permit Issued		
Company: Fasco Industries	Received	Completed	Permit #	Days Used
Location: Sale Barn Road	12/23/2004	8/24/2005	OP	244
City: Cassville	Description:	Terminate P70		
County: Barry	Permit Type:	AOP: Part 70 Operating Permit Admin. Amen		
Project#: AP200412097	Status:	AP: Closed out, per policy		
Company: Adrian Rock, Inc.	Received	Completed	Permit #	Days Used
Location: MO Hwy 18	5/10/2005	8/22/2005	082005-013	104
City: Adrian	Description:	Allow colocation of Hilty, BMPs		
County: Bates	Permit Type:	AP: IR Sec 5 & 6: Dminimis and Minor		
Project#: AP200505038	Status:	AP: Section 5 Permit Issued		
Company: West Central AGRI Services	Received	Completed	Permit #	Days Used
Location: T41N:R31W:S01:SE:SW Hwy 71	5/10/2005	8/9/2005	042005-026A	91
City: Adrian	Description:	Storage Bunkers		
County: Bates	Permit Type:	AP: Corrections & Amendments		
Project#: AP200505032	Status:	AP: Amendment Approved		

Company: A. B. Chance Co.	Received	Completed	Permit #	Days Used
Location: 1190 E Switzler	4/13/2005	8/17/2005	OP	126
City: Centralia	Description: New Equipment			
County: Boone	Permit Type: AOP: Basic Operating Permit Amendment			
Project#: AP200504044	Status: AP: Amendment Approved			
Company: Ag Processing, Inc.	Received	Completed	Permit #	Days Used
Location: 900 Lower Lake Rd	8/5/2004	8/22/2005	OP	382
City: St. Joseph	Description: Flaking process			
County: Buchanan	Permit Type: AOP: Part 70 Operating Permit Off-Permit Ch			
Project#: AP200408051	Status: AP: Request Approved			
Company: Albaugh, Inc.	Received	Completed	Permit #	Days Used
Location: 4900 PACKERS AVE	2/17/2005	8/8/2005		172
City: St. Joseph	Description: Water Pre treatment			
County: Buchanan	Permit Type: AP: Applicability Determination Request			
Project#: AP200502073	Status: AP: No Permit Required			
Company: Danisco Ingredients USA Inc	Received	Completed	Permit #	Days Used
Location: 4509 S 50th Street	7/27/2005	8/24/2005		28
City: St. Joseph	Description: Central vacuum system capacity increase			
County: Buchanan	Permit Type: AP: Applicability Determination Request			
Project#: AP200507096	Status: AP: No Permit Required			
Company: Prime Tanning Corporation	Received	Completed	Permit #	Days Used
Location: 205 E FLORENCE RD	5/12/2005	8/8/2005		88
City: St. Joseph	Description: Exhaust reconfiguration			
County: Buchanan	Permit Type: AP: Sec 5 & 6: Deminimis and Minor			
Project#: AP200505046	Status: AP: No Permit Required			
Company: Purina Mills Inc	Received	Completed	Permit #	Days Used
Location: 4225 S Hwy 169	4/18/2005	8/10/2005		114
City: St. Joseph	Description: Add cooler			
County: Buchanan	Permit Type: AP: Applicability Determination Request			
Project#: AP200504057	Status: AP: Permit Required			
Company: Sara Lee Foods	Received	Completed	Permit #	Days Used
Location: 5807 Mitchell Ave	8/9/2005	8/25/2005	OP	16
City: St. Joseph	Description: Smoked Mets			
County: Buchanan	Permit Type: AOP: Basic Operating Permit Renewal			
Project#: AP200508027	Status: AP: Received Basic OP Issued			
Company: Briggs & Stratton Corp.	Received	Completed	Permit #	Days Used
Location: 731 MO Hwy 142	6/28/2005	8/8/2005		41
City: Poplar Bluff	Description: Crankshaft washer			
County: Butler	Permit Type: AP: Applicability Determination Request			
Project#: AP200506079	Status: AP: Permit Required			
Company: David Arndt's Cabinets	Received	Completed	Permit #	Days Used
Location: 3355 CR 426	6/1/2005	8/8/2005		68
City: Poplar Bluff	Description: Custom Cabinets			
County: Butler	Permit Type: AP: Applicability Determination Request			
Project#: AP200506028	Status: AP: No Permit Required			
Company: The Gates Rubber Company	Received	Completed	Permit #	Days Used
Location: 1650 ROWE PKWY	4/2/2004	8/4/2005	OP	489
City: Poplar Bluff	Description: Plant manager change			
County: Butler	Permit Type: AOP: Intermediate Operating Permit Amendm			
Project#: AP200505017	Status: AP: Amendment Approved			

Company: A. P. Green Refractories, Inc.	Received	Completed	Permit #	Days Used
Location: 111 W SAINT EUNICE RD	5/20/2005	8/2/2005		74
City: Millersburg	Description:	Crusher Replacement		
County: Callaway	Permit Type:	AP: Applicability Determination Request		
Project#: AP200505071	Status:	AP: No Permit Required		
Company: APAC - Richardson Bass	Received	Completed	Permit #	Days Used
Location: County Hwy J	7/26/2005	8/9/2005	032005-047A	14
City: Millersburg	Description:	Asphalt-electrosub		
County: Callaway	Permit Type:	AP: Sec 4: Relocate to New Site		
Project#: AP200507097	Status:	AP: Section 4 Permit Issued		
Company: Chiles Works LLC	Received	Completed	Permit #	Days Used
Location: 5544 County Rd 209	7/13/2005	8/25/2005	OP	43
City: Fulton	Description:	Clay Processing		
County: Callaway	Permit Type:	AOP: Basic Operating Permit Renewal		
Project#: AP200507084	Status:	AP: Received Basic OP Issued		
Company: Blue Moon Marina Remediation Site	Received	Completed	Permit #	Days Used
Location: T39N:R16W:S03,10	7/13/2005	8/8/2005		26
City: Osage Beach	Description:	Soil Vapor Extraction		
County: Camden	Permit Type:	AP: Applicability Determination Request		
Project#: AP200507070	Status:	AP: No Permit Required		
Company: Biokyowa Inc.	Received	Completed	Permit #	Days Used
Location: 975 Nash Road	6/27/2005	8/8/2005		42
City: Cape Girardeau	Description:	Increase Methanol Use		
County: Cape Girardeau	Permit Type:	AP: Applicability Determination Request		
Project#: AP200506073	Status:	AP: No Permit Required		
Company: Jackson Municipal Utilities	Received	Completed	Permit #	Days Used
Location: 225 S HIGH ST	5/18/2005	8/17/2005	082005-010	91
City: Jackson	Description:	Diesel Generators		
County: Cape Girardeau	Permit Type:	AP: Sec 5 & 6: Deminimis and Minor		
Project#: AP200505066	Status:	AP: Section 5 Permit Issued		
Company: Lone Star Industries	Received	Completed	Permit #	Days Used
Location: 2524 South Sprigg Street	6/28/2005	8/5/2005	092004-007A	38
City: Cape Girardeau	Description:	Petroleum Coke evaluation		
County: Cape Girardeau	Permit Type:	AP: Temporary or Pilot Plant Permit		
Project#: AP200506078	Status:	AP: Temporary Permit Issued		
Company: Southeast Missouri Stone Co	Received	Completed	Permit #	Days Used
Location: 1224 S KINGSHIGHWAY ST	7/18/2005	8/9/2005	OP	22
City: Cape Girardeau	Description:	Rock Crushing		
County: Cape Girardeau	Permit Type:	AOP: Basic Operating Permit Renewal		
Project#: AP200507081	Status:	AP: Received Basic OP Issued		
Company: APAC - Kansas, Inc	Received	Completed	Permit #	Days Used
Location: 19100 E 231ST ST	4/20/2005	8/29/2005	082005-019	131
City: HARRISONVILLE	Description:	Rock Crushing - electrosub - BMP-co-location		
County: Cass	Permit Type:	AP: IR Sec 5 & 6: Deminimis and Minor		
Project#: AP200504060	Status:	AP: Section 5 Permit Issued		
Company: APAC - Kansas, Inc	Received	Completed	Permit #	Days Used
Location: 19100 E 231ST ST	4/20/2005	8/29/2005	082005-018	131
City: HARRISONVILLE	Description:	Asphalt - BMP - electrosub		
County: Cass	Permit Type:	AP: IR Sec 5 & 6: Deminimis and Minor		
Project#: AP200504061	Status:	AP: Section 5 Permit Issued		

Company: Hunt Martin Materials	Received	Completed	Permit #	Days Used
Location: 410 Randolph	5/6/2005	8/12/2005		98
City: Randolph	Description:	Add conveyor and stacker		
County: Clay	Permit Type:	AP: IR Applicability Determination Request		
Project#: AP200505050	Status:	AP: No Permit Required		
Company: Sericol, Inc.	Received	Completed	Permit #	Days Used
Location: 20 W. 14th Ave.	7/5/2005	8/11/2005	OP	37
City: N. Kansas City	Description:	Name, owner change		
County: Clay	Permit Type:	AOP: Basic Operating Permit Amendment		
Project#: AP200507088	Status:	AP: Amendment Approved		
Company: Creative Solid Surface	Received	Completed	Permit #	Days Used
Location: 5801 Algoa Rd	4/27/2005	8/8/2005		103
City: Jefferson City	Description:	Plastic fabrication		
County: Cole	Permit Type:	AP: Sec 5 & 6: Deminimis and Minor		
Project#: AP200504096	Status:	AP: No Permit Required		
Company: Muenks Brothers Quarry - Site 2	Received	Completed	Permit #	Days Used
Location: 5520 Heritage Highway	5/4/2001	8/10/2005	OP	1559
City: Jefferson City	Description:	General OP - Quarry		
County: Cole	Permit Type:	AOP: Intermediate Operating Permit		
Project#: AP200105013	Status:	AP: Closed out, per policy		
Company: Muenks Brothers Quarry - Site 2	Received	Completed	Permit #	Days Used
Location: 5520 Heritage Highway	7/6/2004	8/10/2005	OP	400
City: Jefferson City	Description:	Change from INT to BAS		
County: Cole	Permit Type:	AOP: Intermediate Operating Permit Amendm		
Project#: AP200408045	Status:	AP: Closed out, per policy		
Company: Indeeco	Received	Completed	Permit #	Days Used
Location: 2301 Boonslick Dr	4/22/2005	8/5/2005		105
City: Boonville	Description:	Industrial Heaters and coils		
County: Cooper	Permit Type:	AP: Applicability Determination Request		
Project#: AP200506019	Status:	AP: No Permit Required		
Company: Crawford Lime and Materials	Received	Completed	Permit #	Days Used
Location: 63 Weber Rd	5/2/2005	8/30/2005	082005-022	120
City: Cuba	Description:	Amend for colocated Asphalt Portable		
County: Crawford	Permit Type:	AP: IR Sec 5 & 6: Deminimis and Minor		
Project#: AP200505004	Status:	AP: Section 5 Permit Issued		
Company: Pennington Seed Inc of Greenfield	Received	Completed	Permit #	Days Used
Location: 160 Hwy Industrial Park	5/16/2005	8/8/2005		84
City: Greenfield	Description:	Sawdust pelleting		
County: Dade	Permit Type:	AP: Applicability Determination Request		
Project#: AP200505069	Status:	AP: No Permit Required		
Company: Missouri Sand and Gravel	Received	Completed	Permit #	Days Used
Location: Hwy 6 E	5/6/2005	8/10/2005		96
City: Gallatin	Description:	Sand and Gravel		
County: Daviess	Permit Type:	AP: Applicability Determination Request		
Project#: AP200505034	Status:	AP: No Permit Required		
Company: Norris Asphalt Paving	Received	Completed	Permit #	Days Used
Location: T60N:R27W:S33:SW:SW MO Hwy 13 N	6/30/2005	8/3/2005	OP	34
City: Gallatin	Description:	Limestone		
County: Daviess	Permit Type:	AOP: Basic Operating Permit		
Project#: AP200507005	Status:	AP: Received Basic OP Issued		

Company: Norris Asphalt Paving	Received 6/30/2005	Completed 8/3/2005	Permit # OP	Days Used 34
Location: 16664 County Hwy C	Description: Limestone			
City: Pattonsburg	Permit Type: AOP: Basic Operating Permit			
County: Daviess	Status: AP: Received Basic OP Issued			
Project#: AP200507007				
Company: Norris Asphalt Paving	Received 8/29/2005	Completed 8/31/2005	Permit # 0497-009	Days Used 2
Location: 16664 County Hwy C	Description: Rock Crushing-Cancelled			
City: Pattonsburg	Permit Type: AP: Sec 4: Relocate Approved Site			
County: Daviess	Status: AP: Section 4 Permit Issued			
Project#: AP200508061				
Company: Ozark Asphalt - Salem	Received 7/15/2005	Completed 8/2/2005	Permit # 0488-006	Days Used 18
Location: CR 522	Description: Asphalt			
City: Salem	Permit Type: AP: Sec 4: Relocate to New Site			
County: Dent	Status: AP: Section 4 Permit Issued			
Project#: AP200507072				
Company: Salem Wood Products	Received 5/13/2005	Completed 8/2/2005	Permit # 0499-017A	Days Used 81
Location: 200 STAVE MILL RD	Description: Superceding condition			
City: Salem	Permit Type: AP: Corrections & Amendments			
County: Dent	Status: AP: Amendment Approved			
Project#: AP200505049				
Company: Stokes - Mayberry Gin Company	Received 7/5/2005	Completed 8/8/2005	Permit #	Days Used 34
Location: 400 W Laclede	Description: Equipment replacement			
City: Malden	Permit Type: AP: Applicability Determination Request			
County: Dunklin	Status: AP: No Permit Required			
Project#: AP200507046				
Company: Von Weise Gear Co	Received 6/24/2005	Completed 8/11/2005	Permit # OP	Days Used 48
Location: St. Clair Industrial Park	Description: Terminate OP			
City: St. Clair	Permit Type: AOP: Basic Operating Permit Amendment			
County: Franklin	Status: AP: Operating Permit Terminated			
Project#: AP200506071				
Company: Aaron's Automotive Products, Inc.	Received 8/22/2005	Completed 8/31/2005	Permit # OP	Days Used 9
Location: 2600 N WESTGATE AVE	Description: Auto Part Remanufacturing-Currently P70			
City: Springfield	Permit Type: AOP: Basic Operating Permit			
County: Greene	Status: AP: Received Basic OP Issued			
Project#: AP200508057				
Company: Dayco Products Inc	Received 5/1/1997	Completed 8/8/2005	Permit # OP2005-020	Days Used 3021
Location: 2601 W BATTLEFIELD ST	Description: Power transmission belts			
City: Springfield	Permit Type: AOP: Part 70 Operating Permit			
County: Greene	Status: AP: Operating Permit Issued			
Project#: EX199908046				
Company: Regional Ready Mix Inc	Received 7/11/2005	Completed 8/16/2005	Permit # 0705-241D	Days Used 36
Location: 1819 N O'Hara	Description: Ready Mix Concrete			
City: Springfield	Permit Type: AP: Local CP			
County: Greene	Status: AP: Closed out, per policy			
Project#: AP200507064				
Company: Modine Mfg. Co	Received 4/21/2005	Completed 8/16/2005	Permit # 082005-009	Days Used 117
Location: 822 INDUSTRIAL DR	Description: Radiator manufacturing			
City: Trenton	Permit Type: AP: Sec 5 & 6: Deminimis and Minor			
County: Grundy	Status: AP: Section 5 Permit Issued			
Project#: AP200504074				

Company: Norris Asphalt Paving - Trenton	Received 6/30/2005	Completed 8/3/2005	Permit # OP	Days Used 34
Location: 38 NW HIGHWAY 146	Description: Limestone			
City: Trenton	Permit Type: AOP: Basic Operating Permit			
County: Grundy	Status: AP: Received Basic OP Issued			
Project#: AP200507011				
Company: Norris Asphalt Paving - Jeffries	Received 6/30/2005	Completed 8/3/2005	Permit # OP	Days Used 34
Location: T66N:R26W:S03:NE:SW MO Hwy 13 N	Description: Limestone			
City: Blythedale	Permit Type: AOP: Basic Operating Permit			
County: Harrison	Status: AP: Received Basic OP Issued			
Project#: AP200507004				
Company: Norris Asphalt Paving - Maitland	Received 6/30/2005	Completed 8/5/2005	Permit # OP	Days Used 36
Location: T62N:R37W:S34:SE:SE County Rd 91	Description: Limestone			
City: Maitland	Permit Type: AOP: Basic Operating Permit			
County: Holt	Status: AP: Received Basic OP Issued			
Project#: AP200507009				
Company: MFA COOP - Glasgow	Received 7/5/2005	Completed 8/24/2005	Permit # 082005-016	Days Used 50
Location: 102 Second St	Description: Add Capacity			
City: Glasgow	Permit Type: AP: Sec 5 & 6: Deminimis and Minor			
County: Howard	Status: AP: Section 5 Permit Issued			
Project#: AP200507020				
Company: C.B. Asphalt at Moody-Willow Springs	Received 7/28/2005	Completed 8/12/2005	Permit # 0795-026	Days Used 15
Location: 1760 County Hwy AM	Description: Asphalt			
City: Willow Springs	Permit Type: AP: Sec 4: Relocate to New Site			
County: Howell	Status: AP: Section 4 Permit Issued			
Project#: AP200507094				
Company: Mountain View Fabricating	Received 5/16/2005	Completed 8/10/2005	Permit #	Days Used 86
Location: 1315 E US Hwy 60	Description: Vending machines			
City: Mountain View	Permit Type: AP: Applicability Determination Request			
County: Howell	Status: AP: No Permit Required			
Project#: AP200505068				
Company: APAC - Kansas Inc	Received 8/8/2005	Completed 8/22/2005	Permit #	Days Used 14
Location: 2001B MO Hwy 291	Description: Screen Replacement			
City: Sugar Creek	Permit Type: AP: IR Applicability Determination Request			
County: Jackson	Status: AP: Permit Required			
Project#: AP200508022				
Company: City of Independence	Received 4/14/2003	Completed 8/5/2005	Permit # OP2005-017	Days Used 844
Location: 3500 Lees Summit Road	Description: Power Plant			
City: Independence	Permit Type: AOP: Part 70 Operating Permit Renewal			
County: Jackson	Status: AP: Operating Permit Issued			
Project#: AP200304075				
Company: City of Independence	Received 4/14/2003	Completed 8/5/2005	Permit # OP2005-019	Days Used 844
Location: Noland Road at Truman	Description: Power Plant			
City: Sugar Creek	Permit Type: AOP: Part 70 Operating Permit Renewal			
County: Jackson	Status: AP: Operating Permit Issued			
Project#: AP200304077				
Company: City of Independence	Received 4/14/2003	Completed 8/5/2005	Permit # OP2005-018	Days Used 844
Location: Salisbury Rd at M-291	Description: Power Plant			
City: Sugar Creek	Permit Type: AOP: Part 70 Operating Permit Renewal			
County: Jackson	Status: AP: Operating Permit Issued			
Project#: AP200304076				

Company: Jim Kidwell Construction	Received	Completed	Permit #	Days Used
Location: 8200 E Blue Parkway	6/2/2005	8/23/2005	1108	82
City: Kansas City	Description: Rock Crushing/Recycling			
County: Jackson	Permit Type: AP: Local CP			
Project#: AP200506027	Status: AP: Closed out, per policy			
Company: MRI - Deramus Field Station	Received	Completed	Permit #	Days Used
Location: 13204 Arrington Rd	7/20/2005	8/10/2005	052005-001A	21
City: Grandview	Description: Extension			
County: Jackson	Permit Type: AP: Corrections & Amendments			
Project#: AP200507089	Status: AP: Amendment Approved			
Company: Peterson Mfg Co	Received	Completed	Permit #	Days Used
Location: 4200 E 135TH ST	7/5/2005	8/8/2005		34
City: Grandview	Description: Relocate spray booth			
County: Jackson	Permit Type: AP: Applicability Determination Request			
Project#: AP200507022	Status: AP: No Permit Required			
Company: Rumble Recycling & Disposal Facility	Received	Completed	Permit #	Days Used
Location: 2031 N Courtney Rd	7/1/2005	8/17/2005		47
City: Sugar Creek	Description: Gas pipeline			
County: Jackson	Permit Type: AP: Applicability Determination Request			
Project#: AP200508003	Status: AP: Closed out, per policy			
Company: General Steel Fabricators	Received	Completed	Permit #	Days Used
Location: 927 Schifferdecker	5/23/2005	8/22/2005		91
City: Joplin	Description: Painting			
County: Jasper	Permit Type: AP: Applicability Determination Request			
Project#: AP200505088	Status: AP: Permit Required			
Company: Leggett & Platt Wire Mill	Received	Completed	Permit #	Days Used
Location: 1225 E Central	7/26/2005	8/22/2005		27
City: Carthage	Description: Larger Furnace			
County: Jasper	Permit Type: AP: Sec 5 & 6: Deminimis and Minor			
Project#: AP200507095	Status: AP: No Permit Required			
Company: Mid-America Precision Products	Received	Completed	Permit #	Days Used
Location: 1927 West 4th Street	1/17/2003	8/4/2005	OP	930
City: Joplin	Description: Sheet Metal			
County: Jasper	Permit Type: AOP: Intermediate Operating Permit			
Project#: AP200301068	Status: AP: No Permit Required			
Company: Rx Label Technology Inc	Received	Completed	Permit #	Days Used
Location: 3301 Enterprise	7/5/2005	8/17/2005	082005-011	43
City: Joplin	Description: Flexographic Printing Presses			
County: Jasper	Permit Type: AP: Sec 5 & 6: Deminimis and Minor			
Project#: AP200507021	Status: AP: Section 5 Permit Issued			
Company: Central Stone Co - (CS56)	Received	Completed	Permit #	Days Used
Location: 3860 HIGHWAY M	7/8/2005	8/5/2005	OP	28
City: Antonia	Description: Rock Crushing			
County: Jefferson	Permit Type: AOP: Basic Operating Permit Renewal			
Project#: AP200507047	Status: AP: Received Basic OP Issued			
Company: DOW Chemical Co.	Received	Completed	Permit #	Days Used
Location: 500 Dow Industrial Drive	5/20/2005	8/8/2005		80
City: Pevely	Description: Ink replacement			
County: Jefferson	Permit Type: AP: Applicability Determination Request			
Project#: AP200505076	Status: AP: No Permit Required			

Company: Unimin Corporation	Received	Completed	Permit #	Days Used
Location: 2968 HIGHWAY Z	7/20/2005	8/24/2005		35
City: Pevely	Description:	Screening changes		
County: Jefferson	Permit Type:	AP: Applicability Determination Request		
Project#: AP200507085	Status:	AP: No Permit Required		
Company: Central Stone-Knox County Stone (KC01)	Received	Completed	Permit #	Days Used
Location: MO Hwy 6	7/8/2005	8/5/2005	OP	28
City: Edina	Description:	Rock Crushing		
County: Knox	Permit Type:	AOP: Basic Operating Permit		
Project#: AP200507048	Status:	AP: Received Basic OP Issued		
Company: MFA Exchange - Higginsville-	Received	Completed	Permit #	Days Used
Location: 105 W 22nd	5/26/2005	8/29/2005	082005-015	95
City: Higginsville	Description:	Construction of a new grain receiving and stor		
County: Lafayette	Permit Type:	AP: Sec 5 & 6: Deminimis and Minor		
Project#: AP200505105	Status:	AP: Section 5 Permit Issued		
Company: Central Stone Company (CS08)	Received	Completed	Permit #	Days Used
Location: 22439 Hwy 16	7/8/2005	8/9/2005	OP	32
City: Monticello	Description:	Rock Crushing		
County: Lewis	Permit Type:	AOP: Basic Operating Permit		
Project#: AP200507050	Status:	AP: Received Basic OP Issued		
Company: Central Stone Ewing Quarry (CS36)	Received	Completed	Permit #	Days Used
Location: 27464 Jasmine Ave	7/8/2005	8/5/2005	OP	28
City: Ewing	Description:	Rock Crushing		
County: Lewis	Permit Type:	AOP: Basic Operating Permit		
Project#: AP200507049	Status:	AP: Received Basic OP Issued		
Company: Central Stone - Moscow Mills	Received	Completed	Permit #	Days Used
Location: 2181 West Outer Road US Hwy 61	7/8/2005	8/16/2005	OP	39
City: Moscow Mills	Description:	Rock Crushing		
County: Lincoln	Permit Type:	AOP: Basic Operating Permit		
Project#: AP200507051	Status:	AP: Received Basic OP Issued		
Company: Fred Weber Inc	Received	Completed	Permit #	Days Used
Location: 3913 County Hwy B	5/13/2005	8/11/2005		90
City: Auburn	Description:	Equipment demonstration		
County: Lincoln	Permit Type:	AP: IR Applicability Determination Request		
Project#: AP200505058	Status:	AP: No Permit Required		
Company: Magruder Limestone	Received	Completed	Permit #	Days Used
Location: 255 Watson Rd	7/22/2002	8/15/2005	OP	1120
City: Troy	Description:	General OP - Rock Crushing		
County: Lincoln	Permit Type:	AOP: Intermediate Operating Permit Renewal		
Project#: AP200207128	Status:	AP: Operating Permit Terminated		
Company: Magruder Limestone	Received	Completed	Permit #	Days Used
Location: 255 Watson Rd	5/27/2004	8/15/2005	OP	445
City: Troy	Description:	Terminate INT		
County: Lincoln	Permit Type:	AOP: Intermediate Operating Permit Amendm		
Project#: AP200406040	Status:	AP: Operating Permit Terminated		
Company: Hunt Martin Materials - Blue Mound	Received	Completed	Permit #	Days Used
Location: County Hwy Z	5/31/2005	8/22/2005		83
City: Dawn	Description:	Bin, conveyor		
County: Livingston	Permit Type:	AP: IR Applicability Determination Request		
Project#: AP200506014	Status:	AP: No Permit Required		

Company: The Kingsford Products Co	Received	Completed	Permit #	Days Used
Location: 21200 Maries Rd 314	7/18/2005	8/4/2005		17
City: Belle	Description:	Bucket elevator		
County: Maries	Permit Type:	AP: Applicability Determination Request		
Project#: AP200507078	Status:	AP: Closed out, per policy		
Company: BASF Agri Chemicals - Hannibal Plant	Received	Completed	Permit #	Days Used
Location: 3150 HIGHWAY JJ	4/14/2005	8/22/2005	082005-014	130
City: Palmyra	Description:	Modify diacid process		
County: Marion	Permit Type:	AP: Sec 5 & 6: Deminimis and Minor		
Project#: AP200504047	Status:	AP: Section 5 Permit Issued		
Company: Central Stone - Taylor Quarry (CS39)	Received	Completed	Permit #	Days Used
Location: 7040 County Rd 344	7/8/2005	8/16/2005	OP	39
City: Taylor	Description:	Rock Crushing		
County: Marion	Permit Type:	AOP: Basic Operating Permit		
Project#: AP200507052	Status:	AP: Received Basic OP Issued		
Company: Norris Asphalt Paving	Received	Completed	Permit #	Days Used
Location: T64N:R24W:S03:NE:SE County Rd 172	6/30/2005	8/5/2005	OP	36
City: Princeton	Description:	Limestone		
County: Mercer	Permit Type:	AOP: Basic Operating Permit		
Project#: AP200507008	Status:	AP: Received Basic OP Issued		
Company: Norris Asphalt Paving Co - Mercer	Received	Completed	Permit #	Days Used
Location: T66N:R23W:S22:NW:SW County Hwy M	6/30/2005	8/8/2005	OP	39
City: Mercer	Description:	Limestone		
County: Mercer	Permit Type:	AOP: Basic Operating Permit		
Project#: AP200507010	Status:	AP: Received Basic OP Issued		
Company: Norris Asphalt Paving Co - Mercer	Received	Completed	Permit #	Days Used
Location: T66N:R23W:S22:NW:SW County Hwy M	8/15/2005	8/31/2005	0598-006	16
City: Mercer	Description:	Asphalt		
County: Mercer	Permit Type:	AP: Sec 4: Relocate to New Site		
Project#: AP200508035	Status:	AP: Section 4 Permit Issued		
Company: APAC - Quarry 13	Received	Completed	Permit #	Days Used
Location: T40N:R15W:S07 CR Z14	7/29/2005	8/18/2005	032005-043	20
City: Bagnell	Description:	Asphalt		
County: Miller	Permit Type:	AP: Sec 4: Relocate Approved Site		
Project#: AP200508001	Status:	AP: Section 4 Permit Issued		
Company: H.T.R. Inc - Lake Ozark	Received	Completed	Permit #	Days Used
Location: 415 Kaiser Industrial Dr	5/5/2005	8/22/2005		109
City: Kaiser	Description:	Mercury recycling		
County: Miller	Permit Type:	AP: Applicability Determination Request		
Project#: AP200505044	Status:	AP: Permit Required		
Company: Sandidge Concrete, LLC	Received	Completed	Permit #	Days Used
Location: 58948 Molly Branch Rd	6/6/2005	8/29/2005	082005-021	84
City: High Point	Description:	Concrete		
County: Moniteau	Permit Type:	AP: IR Sec 5 & 6: Deminimis and Minor		
Project#: AP200506010	Status:	AP: Section 5 Permit Issued		
Company: Eagle Picher Industries Inc	Received	Completed	Permit #	Days Used
Location: 106 N Ozark St	1/17/2003	8/15/2005	OP	941
City: Stella	Description:	Sheet Metal		
County: Newton	Permit Type:	AOP: Intermediate Operating Permit		
Project#: AP200301067	Status:	AP: No Permit Required		

Company: AECEI Nodaway Power Plant	Received	Completed	Permit #	Days Used
Location: County Hwy N	7/8/2005	8/19/2005	1198-007B	42
City: MARYVILLE	Description:	Testing Requirement		
County: Nodaway	Permit Type:	AP: Corrections & Amendments		
Project#: AP200507039	Status:	AP: Amendment Approved		
Company: Norris Asphalt Paving Co - Gooden	Received	Completed	Permit #	Days Used
Location: MO Hwy 46 N	6/30/2005	8/3/2005	OP	34
City: Ravenwood	Description:	Limestone		
County: Nodaway	Permit Type:	AOP: Basic Operating Permit		
Project#: AP200507006	Status:	AP: Received Basic OP Issued		
Company: Doss & Harper Stone Co	Received	Completed	Permit #	Days Used
Location: T23N:R04W:S26:NW:SW	4/21/2005	8/4/2005	OP	105
City: Couch	Description:	New equipment added		
County: Oregon	Permit Type:	AOP: Basic Operating Permit Amendment		
Project#: AP200505016	Status:	AP: Received Basic OP Issued		
Company: S and S Metal Fabricators	Received	Completed	Permit #	Days Used
Location: 319 E First St	6/17/2005	8/8/2005		52
City: Chamois	Description:	Metal Fabrication		
County: Osage	Permit Type:	AP: Applicability Determination Request		
Project#: AP200506048	Status:	AP: No Permit Required		
Company: Consolidated Grain & Barge Co	Received	Completed	Permit #	Days Used
Location: County Rd 337	12/13/2004	8/15/2005	OP2005-021	245
City: Caruthersville	Description:	General OP - Grain		
County: Pemiscot	Permit Type:	AOP: Intermediate Operating Permit Renewal		
Project#: AP200412064	Status:	AP: Operating Permit Issued		
Company: LaFarge Construction Materials	Received	Completed	Permit #	Days Used
Location: 21469 HIGHWAY 50	4/14/2005	8/11/2005		119
City: Sedalia	Description:	Add conveyor		
County: Pettis	Permit Type:	AP: IR Applicability Determination Request		
Project#: AP200504050	Status:	AP: No Permit Required		
Company: Tyson Foods-Chicken	Received	Completed	Permit #	Days Used
Location: 19571 WHITFIELD RD	6/13/2005	8/17/2005		65
City: SEDALIA	Description:	Temporary Boiler		
County: Pettis	Permit Type:	AP: Temporary or Pilot Plant Permit		
Project#: AP200506043	Status:	AP: Temporary Permit Issued		
Company: Capital Quarries, Inc. - Rolla	Received	Completed	Permit #	Days Used
Location: T38N:R08W:S14 US Hwy 63	3/17/2005	8/9/2005	082005-007	145
City: Rolla	Description:	Rock Crushing - BMP - electrosb		
County: Phelps	Permit Type:	AP: IR Sec 5 & 6: Deminimis and Minor		
Project#: AP200503067	Status:	AP: Section 5 Permit Issued		
Company: Central Stone Co - (CS07)	Received	Completed	Permit #	Days Used
Location: T53N:R05W:S13	7/8/2005	8/16/2005	OP	39
City: Curryville	Description:	Rock Crushing		
County: Pike	Permit Type:	AOP: Basic Operating Permit		
Project#: AP200507054	Status:	AP: Received Basic OP Issued		
Company: Central Stone Co. (CS12)	Received	Completed	Permit #	Days Used
Location: 11151 Pike 52	7/8/2005	8/16/2005	OP	39
City: Frankford	Description:	Rock Crushing		
County: Pike	Permit Type:	AOP: Basic Operating Permit		
Project#: AP200507055	Status:	AP: Operating Permit Issued		

Company: Tracker Marine	Received	Completed	Permit #	Days Used
Location: 1402 S. Killingsworth	5/13/2005	8/12/2005	082005-008	91
City: Bolivar	Description:	Paint Booth		
County: Polk	Permit Type:	AP: Sec 5 & 6: Deminimis and Minor		
Project#: AP200505051	Status:	AP: Section 5 Permit Issued		
Company: C.B. Asphalt - Waynesville	Received	Completed	Permit #	Days Used
Location: T35N:R13W:S12:NE:NE	8/18/2005	8/31/2005	042005-029	13
City: Waynesville	Description:	Asphalt		
County: Pulaski	Permit Type:	AP: Sec 4: Relocate to New Site		
Project#: AP200508041	Status:	AP: Section 4 Permit Issued		
Company: Pulaski Veterinary Clinic	Received	Completed	Permit #	Days Used
Location: 22199 County Hwy Y	8/10/2005	8/25/2005	OP	15
City: Waynesville	Description:	Animal Incinerator		
County: Pulaski	Permit Type:	AOP: Basic Operating Permit Renewal		
Project#: AP200508025	Status:	AP: Received Basic OP Issued		
Company: Willard Quarries - Teak Rd	Received	Completed	Permit #	Days Used
Location: Teak Rd	5/10/2005	8/5/2005	082005-005	87
City: St. Robert	Description:	Sand and Gravel-electrosub, BMP		
County: Pulaski	Permit Type:	AP: IR Sec 5 & 6: Deminimis and Minor		
Project#: AP200505042	Status:	AP: Section 5 Permit Issued		
Company: Central Stone (CS06)	Received	Completed	Permit #	Days Used
Location: County Hwy M	7/8/2005	8/16/2005	OP	39
City: New London	Description:	Rock Crushing		
County: Ralls	Permit Type:	AOP: Basic Operating Permit		
Project#: AP200507058	Status:	AP: Operating Permit Issued		
Company: Central Stone Co	Received	Completed	Permit #	Days Used
Location:	7/8/2005	8/16/2005	OP	39
City: Bethel	Description:	Rock Crushing		
County: Ralls	Permit Type:	AOP: Basic Operating Permit		
Project#: AP200507057	Status:	AP: Received Basic OP Issued		
Company: Central Stone Co (CS01)	Received	Completed	Permit #	Days Used
Location: 46445 Sweetbay LN	7/5/2005	8/11/2005		37
City: Hannibal	Description:	Replace Screen		
County: Ralls	Permit Type:	AP: IR Applicability Determination Request		
Project#: AP200507027	Status:	AP: No Permit Required		
Company: Central Stone Co (CS01)	Received	Completed	Permit #	Days Used
Location: 46445 Sweetbay LN	7/8/2005	8/17/2005	OP	40
City: Hannibal	Description:	Rock Crushing		
County: Ralls	Permit Type:	AOP: Basic Operating Permit		
Project#: AP200507056	Status:	AP: Received Basic OP Issued		
Company: Central Stone Co (CS30)	Received	Completed	Permit #	Days Used
Location: 14866 MO Hwy 79	7/8/2005	8/24/2005	OP	47
City: Palmyra	Description:	Rock Crushing		
County: Ralls	Permit Type:	AOP: Basic Operating Permit		
Project#: AP200507059	Status:	AP: Received Basic OP Issued		
Company: Dura Automotive	Received	Completed	Permit #	Days Used
Location: 5 INDUSTRIAL LOOP	12/11/2003	8/4/2005	OP	602
City: Hannibal	Description:	Add extruder		
County: Ralls	Permit Type:	AOP: Basic Operating Permit Amendment		
Project#: AP200312076	Status:	AP: Amendment Approved		

Company: LaFarge Road Marking	Received 12/16/2002	Completed 8/25/2005	Permit # OP	Days Used 983
Location: Hwy 79 S	Description: Change to Intermediate			
City: Saverton	Permit Type: AOP: Intermediate Operating Permit Amendm			
County: Ralls	Status: AP: Closed out, per policy			
Project#: AP200212087				
Company: Associated Electric (Thomas Hill Plant)	Received 7/6/2005	Completed 8/2/2005	Permit #	Days Used 27
Location: County Rd D149	Description: Silo refurbishing			
City: Clifton Hill	Permit Type: AP: Applicability Determination Request			
County: Randolph	Status: AP: No Permit Required			
Project#: AP200507041				
Company: Chester Bross Construction - Cairo	Received 8/3/2005	Completed 8/12/2005	Permit # 052003-030	Days Used 9
Location: T54N:R14W:S01:N (US 63 & Hwy K)	Description: Concrete			
City: Cairo	Permit Type: AP: Sec 4: Relocate to New Site			
County: Randolph	Status: AP: Request Approved			
Project#: AP200508012				
Company: W. A. Ellis Construction Co	Received 8/19/2005	Completed 8/31/2005	Permit # OP	Days Used 12
Location: County Hwy O	Description: Rock Crushing			
City: Orrick	Permit Type: AOP: Basic Operating Permit Renewal			
County: Ray	Status: AP: Received Basic OP Issued			
Project#: AP200508044				
Company: APAC - MO	Received 7/26/2005	Completed 8/3/2005	Permit # 032005-041	Days Used 8
Location: County Rd 393	Description: Asphalt			
City: Marshall	Permit Type: AP: Sec 4: Relocate Approved Site			
County: Saline	Status: AP: Section 4 Permit Issued			
Project#: AP200507098				
Company: Central Missouri Agri Service	Received 6/23/2005	Completed 8/26/2005	Permit # 082005-017	Days Used 64
Location: 211 N. Lyon	Description: North Storage Area			
City: Marshall	Permit Type: AP: Sec 5 & 6: Deminimis and Minor			
County: Saline	Status: AP: Section 5 Permit Issued			
Project#: AP200506070				
Company: LaFarge Construction Materials	Received 10/22/2002	Completed 8/19/2005	Permit # OP	Days Used 1032
Location: County Rd 326	Description: General OP - Rock Crushing			
City: Marshall Junction	Permit Type: AOP: Basic Operating Permit Renewal			
County: Saline	Status: AP: Received Basic OP Issued			
Project#: AP200210133				
Company: Cash Cleaners	Received 6/10/2005	Completed 8/8/2005	Permit # OP2005-024	Days Used 59
Location: 101 S Main	Description: General OP - Dry Cleaner			
City: Memphis	Permit Type: AOP: Basic Operating Permit Renewal			
County: Scotland	Status: AP: Operating Permit Issued			
Project#: AP200506036				
Company: Central Stone Co (CS02)	Received 7/8/2005	Completed 8/26/2005	Permit # OP	Days Used 49
Location: 6015 Shelby 2342	Description: Rock Crushing			
City: Bethel	Permit Type: AOP: Basic Operating Permit			
County: Shelby	Status: AP: Received Basic OP Issued			
Project#: AP200507061				
Company: Amerigas Propane LLC	Received 3/25/2005	Completed 8/9/2005	Permit #	Days Used 137
Location: 1968 NE Hwy 61 Svc Rd	Description: Propane Cylinder Coating			
City: Flint Hill	Permit Type: AP: Sec 5 & 6: Deminimis and Minor			
County: St. Charles	Status: AP: No Permit Required			
Project#: AP200503095				

Company: Braking Technologies Inc.	Received	Completed	Permit #	Days Used
Location: 835 TEXAS CT	8/5/2005	8/24/2005	OP	19
City: O'Fallon	Description:	Brake Products		
County: St. Charles	Permit Type:	AOP: Basic Operating Permit Renewal		
Project#: AP200508015	Status:	AP: Received Basic OP Issued		
Company: Fred Weber - New Melle Quarry	Received	Completed	Permit #	Days Used
Location: 2710 County Hwy F	5/19/2005	8/11/2005		84
City: New Melle	Description:	Crusher and screen exchange		
County: St. Charles	Permit Type:	AP: IR Applicability Determination Request		
Project#: AP200505075	Status:	AP: No Permit Required		
Company: LaFarge North America - St. Charles	Received	Completed	Permit #	Days Used
Location: 2000 S RIVER RD	7/6/2005	8/29/2005	082005-020	54
City: SAINT CHARLES	Description:	Add BMPs for haul roads, storage		
County: St. Charles	Permit Type:	AP: IR Sec 5 & 6: Deminimis and Minor		
Project#: AP200507030	Status:	AP: Section 5 Permit Issued		
Company: Madison Warehouse Company	Received	Completed	Permit #	Days Used
Location: 101 Enterprise Dr	3/17/2005	8/8/2005		144
City: Wentzville	Description:	Plastic blending and pelleting		
County: St. Charles	Permit Type:	AP: Applicability Determination Request		
Project#: AP200503069	Status:	AP: Permit Required		
Company: O'Fallon Casting, LLC	Received	Completed	Permit #	Days Used
Location: 600 Cannonball Lane	4/22/2005	8/17/2005	OP2002-049	117
City: O'Fallon	Description:	Replace Dust Collector		
County: St. Charles	Permit Type:	AOP: Part 70 Operating Permit Off-Permit Ch		
Project#: AP200504093	Status:	AP: Request Approved		
Company: Smart Office Advisors	Received	Completed	Permit #	Days Used
Location: 63 North Central Dr	7/14/2005	8/11/2005	OP	28
City: O'Fallon	Description:	Office Furniture		
County: St. Charles	Permit Type:	AOP: Applicability Determination Requests		
Project#: AP200507079	Status:	AP: No Permit Required		
Company: Superior Home Products, Inc	Received	Completed	Permit #	Days Used
Location: 211 Edinger Road	6/29/2004	8/24/2005	OP	421
City: Wentzville	Description:	Cultured Marble		
County: St. Charles	Permit Type:	AOP: Part 70 Operating Permit Renewal		
Project#: AP200406101	Status:	AP: Operating Permit Issued		
Company: Central Stone Company - (CS54)	Received	Completed	Permit #	Days Used
Location: 2339 County Hwy H	7/8/2005	8/24/2005	OP	47
City: Farmington	Description:	Rock Crushing		
County: St. Francois	Permit Type:	AOP: Basic Operating Permit		
Project#: AP200507060	Status:	AP: Received Basic OP Issued		
Company: Lead Belt Materials Company	Received	Completed	Permit #	Days Used
Location: 6649 OLD BONNE TERRE RD	3/7/2005	8/4/2005	082005-004	150
City: BONNE TERRE	Description:	Add Crushing Plant - BMP, electrosu		
County: St. Francois	Permit Type:	AP: IR Sec 5 & 6: Deminimis and Minor		
Project#: AP200503022	Status:	AP: Section 5 Permit Issued		
Company: Lead Belt Materials Company	Received	Completed	Permit #	Days Used
Location: 6649 OLD BONNE TERRE RD	3/7/2005	8/4/2005	082005-002	150
City: BONNE TERRE	Description:	Modify Rock Crusher-BMP, electrosu		
County: St. Francois	Permit Type:	AP: IR Sec 5 & 6: Deminimis and Minor		
Project#: AP200503021	Status:	AP: Section 5 Permit Issued		

Company: Lead Belt Materials Company	Received	Completed	Permit #	Days Used
Location: 6649 OLD BONNE TERRE RD	3/7/2005	8/4/2005	082005-003	150
City: BONNE TERRE	Description: Amend asphalt Plant-electrosub, BMP			
County: St. Francois	Permit Type: AP: IR Sec 5 & 6: Deminimis and Minor			
Project#: AP200503020	Status: AP: Section 6 Permit Issued			
Company: Lead Belt Materials Company	Received	Completed	Permit #	Days Used
Location: 600 MILL ST	12/17/2003	8/30/2005	082005-023	622
City: PARK HILLS	Description: Amend for co-located concrete plant			
County: St. Francois	Permit Type: AP: IR Sec 5 & 6: Deminimis and Minor			
Project#: AP200312078	Status: AP: Section 5 Permit Issued			
Company: Belrive Heritage Gardens	Received	Completed	Permit #	Days Used
Location: 740 Mason Road	5/9/2003	8/1/2005	OP	815
City: Creve Coeur	Description: Cemetary			
County: St. Louis	Permit Type: AOP: Basic Operating Permit Renewal			
Project#: AP200306099	Status: AP: Received Basic OP Issued			
Company: Bernadette Business Forms Inc	Received	Completed	Permit #	Days Used
Location: 8950 Pershall Road	5/9/2003	8/1/2005	OP	815
City: Hazelwood	Description:			
County: St. Louis	Permit Type: AOP: Basic Operating Permit Renewal			
Project#: AP200306098	Status: AP: Received Basic OP Issued			
Company: Berra Old Baumgartner	Received	Completed	Permit #	Days Used
Location: 5304 Old Baumgartner Rd.	8/6/2004	8/10/2005	OP	369
City:	Description: Concrete			
County: St. Louis	Permit Type: AOP: Basic Operating Permit			
Project#: AP200408012	Status: AP: Received Basic OP Issued			
Company: Black Tie Cleaners	Received	Completed	Permit #	Days Used
Location: 7575 Page Ave	4/22/2005	8/10/2005	OP1542	110
City: St. Louis	Description: General OP - Dry Cleaners			
County: St. Louis	Permit Type: AOP: Basic Operating Permit			
Project#: AP200504086	Status: AP: Received Basic OP Issued			
Company: Dryclean \$1.99	Received	Completed	Permit #	Days Used
Location: 11066 Olive Blvd	3/23/2005	8/10/2005	OP1455	140
City: Creve Coeur	Description: General OP - Dry Cleaners			
County: St. Louis	Permit Type: AOP: Basic Operating Permit Renewal			
Project#: AP200503086	Status: AP: Received Basic OP Issued			
Company: Fenton Cleaner	Received	Completed	Permit #	Days Used
Location: 2087 Bentley Plaza	4/8/2005	8/10/2005	OP1454	124
City: Fenton	Description: General OP - Dry Cleaner			
County: St. Louis	Permit Type: AOP: Basic Operating Permit Renewal			
Project#: AP200504027	Status: AP: Received Basic OP Issued			
Company: Gateway Ready Mix Inc	Received	Completed	Permit #	Days Used
Location: 11930 Dorsett Rd	1/23/2003	8/1/2005	OP	921
City: Maryland Heights	Description: Concrete			
County: St. Louis	Permit Type: AOP: Basic Operating Permit Renewal			
Project#: AP200301083	Status: AP: Received Basic OP Issued			
Company: General Electric Lamp	Received	Completed	Permit #	Days Used
Location: 6251 Etzel Ave	3/7/2003	8/1/2005	OP	878
City: Wellston	Description: Light Bulbs			
County: St. Louis	Permit Type: AOP: Basic Operating Permit Renewal			
Project#: AP200303039	Status: AP: Received Basic OP Issued			

Company: Humane Society of Missouri	Received 4/1/2003	Completed 8/1/2005	Permit # OP	Days Used 853
Location: 2400 Drilling Service Rd	Description: Incinerator			
City: Maryland Heights	Permit Type: AOP: Basic Operating Permit Renewal			
County: St. Louis	Status: AP: Received Basic OP Issued			
Project#: AP200304017				
Company: Inland Container Corp	Received 2/5/2003	Completed 8/1/2005	Permit # OP	Days Used 908
Location: 1201 N. Highway Dr.	Description:			
City: Fenton	Permit Type: AOP: Basic Operating Permit Renewal			
County: St. Louis	Status: AP: Received Basic OP Issued			
Project#: AP200302042				
Company: John Fabick Tractor Co	Received 3/26/2003	Completed 8/1/2005	Permit # OP	Days Used 859
Location: #1 Fabick Dr	Description:			
City: Fenton	Permit Type: AOP: Basic Operating Permit Renewal			
County: St. Louis	Status: AP: Received Basic OP Issued			
Project#: AP200303126				
Company: Magnetic Power Systems, Inc	Received 3/5/2003	Completed 8/1/2005	Permit # OP	Days Used 880
Location: 1626 Manufacturers Dr	Description: Manufacturing			
City: Fenton	Permit Type: AOP: Basic Operating Permit Renewal			
County: St. Louis	Status: AP: Received Basic OP Issued			
Project#: AP200303016				
Company: Memorial Park Crematory	Received 1/31/2003	Completed 8/1/2005	Permit # OP	Days Used 913
Location: 5200 Lucas	Description: Crematory			
City: Jennings	Permit Type: AOP: Basic Operating Permit Renewal			
County: St. Louis	Status: AP: Received Basic OP Issued			
Project#: AP200302026				
Company: Metro Materials - Valley Park	Received 8/6/2004	Completed 8/10/2005	Permit # OP	Days Used 369
Location: 639 Marshall	Description: Concrete			
City: Valley Park	Permit Type: AOP: Basic Operating Permit			
County: St. Louis	Status: AP: Received Basic OP Issued			
Project#: AP200408014				
Company: Mount Hope Cemetery & Mausoleum Co	Received 1/17/2003	Completed 8/1/2005	Permit # OP	Days Used 927
Location: 1215 Lemay Ferry Road	Description:			
City: St. Louis	Permit Type: AOP: Basic Operating Permit Renewal			
County: St. Louis	Status: AP: Received Basic OP Issued			
Project#: AP200301055				
Company: Oak Grove Chapel	Received 4/24/2002	Completed 8/1/2005	Permit # OP	Days Used 1195
Location: 7800 St. Charles Rock Rd	Description: Incinerator-Basic			
City: St. Louis	Permit Type: AOP: Basic Operating Permit Renewal			
County: St. Louis	Status: AP: Received Basic OP Issued			
Project#: AP200204186				
Company: Pace Construction - Antire Plant	Received 1/23/2003	Completed 8/2/2005	Permit # OP	Days Used 922
Location: Antire & Beaumont Exit, I 44	Description: Rock Crushing			
City: St. Louis	Permit Type: AOP: Basic Operating Permit Renewal			
County: St. Louis	Status: AP: Received Basic OP Issued			
Project#: AP200301085				
Company: Pace Construction - JB Plant	Received 1/23/2003	Completed 8/1/2005	Permit # OP	Days Used 921
Location: 5000 Bussen Rd.	Description: Asphalt			
City: St. Louis	Permit Type: AOP: Basic Operating Permit Renewal			
County: St. Louis	Status: AP: Received Basic OP Issued			
Project#: AP200301084				

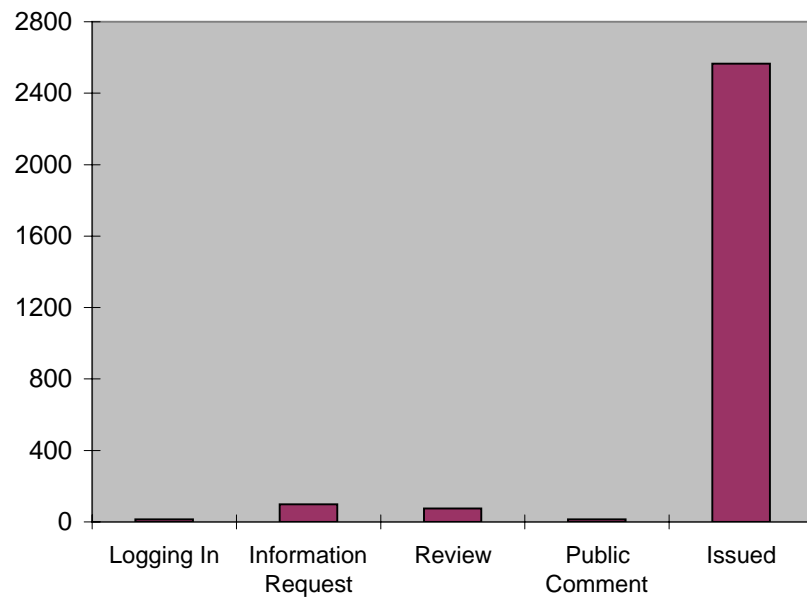
Company: Permea Inc	Received 10/8/2002	Completed 8/1/2005	Permit # OP	Days Used 1028
Location: 11444 Lackland Rd	Description:			
City: St. Louis	Permit Type: AOP: Basic Operating Permit Renewal			
County: St. Louis	Status: AP: Received Basic OP Issued			
Project#: AP200210055				
Company: Personal Care Cleaners	Received 3/25/2005	Completed 8/10/2005	Permit # OP1457	Days Used 138
Location: 10281 Clayton Rd	Description: General OP - Dry Cleaners			
City: Ladue	Permit Type: AOP: Basic Operating Permit Renewal			
County: St. Louis	Status: AP: Received Basic OP Issued			
Project#: AP200503096				
Company: Plaza Cleaners	Received 4/8/2005	Completed 8/10/2005	Permit # OP1472	Days Used 124
Location: 15360 Manchester Rd	Description: General OP - Dry Cleaners			
City: Ballwin	Permit Type: AOP: Basic Operating Permit Renewal			
County: St. Louis	Status: AP: Received Basic OP Issued			
Project#: AP200504028				
Company: Porta-Fab	Received 3/26/2003	Completed 8/1/2005	Permit # OP	Days Used 859
Location: 18080 Chesterfield Airport Road	Description:			
City: Chesterfield	Permit Type: AOP: Basic Operating Permit Renewal			
County: St. Louis	Status: AP: Received Basic OP Issued			
Project#: AP200303125				
Company: Royal Cleaners	Received 3/23/2005	Completed 8/10/2005	Permit # OP1458	Days Used 140
Location: 1759 Woodson	Description: General OP - Dry Cleaners			
City: St. Louis	Permit Type: AOP: Basic Operating Permit Renewal			
County: St. Louis	Status: AP: Received Basic OP Issued			
Project#: AP200503085				
Company: Valhalla Cemetery, Crematory & Mausoleum	Received 2/5/2003	Completed 8/2/2005	Permit # OP	Days Used 909
Location: 7600 St Charles Rock Road	Description:			
City: St. Louis	Permit Type: AOP: Basic Operating Permit Renewal			
County: St. Louis	Status: AP: Received Basic OP Issued			
Project#: AP200302041				
Company: Valley Material Company	Received 1/17/2003	Completed 8/1/2005	Permit # OP	Days Used 927
Location: 201 Marshall Rd	Description:			
City: Valley Park	Permit Type: AOP: Basic Operating Permit Renewal			
County: St. Louis	Status: AP: Received Basic OP Issued			
Project#: AP200301054				
Company: Warson Cleaners	Received 7/18/2005	Completed 8/2/2005	Permit # OP1443	Days Used 15
Location: 14560 Manchester	Description: General OP - Dry Cleaner			
City: Winchester	Permit Type: AOP: Basic Operating Permit			
County: St. Louis	Status: AP: Operating Permit Issued			
Project#: AP200507080				
Company: Wilson Manufacturing	Received 12/2/2002	Completed 8/2/2005	Permit # OP	Days Used 974
Location: 4725 GREEN PARK ROAD	Description:			
City: St. Louis	Permit Type: AOP: Basic Operating Permit Renewal			
County: St. Louis	Status: AP: Received Basic OP Issued			
Project#: AP200212007				
Company: Wyeth Biopharmaceutical	Received 8/6/2004	Completed 8/8/2005	Permit # OP	Days Used 367
Location: 4766 LaGuardia Dr	Description: Pharmaceuticals			
City: St. Louis	Permit Type: AOP: Basic Operating Permit			
County: St. Louis	Status: AP: Received Basic OP Issued			
Project#: AP200408015				

Company: Artco Reidy River Terminal	Received	Completed	Permit #	Days Used
Location: 4528 S BROADWAY	6/17/2005	8/3/2005	OP05003	47
City: SAINT LOUIS	Description:	Barge Terminal		
County: St. Louis City	Permit Type:	AOP: Basic Operating Permit Renewal		
Project#: AP200506056	Status:	AP: Operating Permit Issued		
Company: BET - St. Louis North	Received	Completed	Permit #	Days Used
Location: 239 E Prairie	11/24/2003	8/10/2005	OP03024	625
City: St. Louis	Description:	Fuel Terminal		
County: St. Louis City	Permit Type:	AOP: Basic Operating Permit Renewal		
Project#: AP200312028	Status:	AP: Operating Permit Issued		
Company: BET - St. Louis South Terminal	Received	Completed	Permit #	Days Used
Location: 4070 S 1st	10/22/2004	8/1/2005	OP	283
City: St. Louis	Description:			
County: St. Louis City	Permit Type:	AOP: Basic Operating Permit Amendment		
Project#: AP200410084	Status:	AP: Closed out, per policy		
Company: Drumtech	Received	Completed	Permit #	Days Used
Location: 5066 Rear Manchester	8/24/2005	8/31/2005	OP	7
City: St. Louis	Description:	Terminate OP		
County: St. Louis City	Permit Type:	AOP: Part 70 Operating Permit Admin. Amen		
Project#: AP200508051	Status:	AP: Operating Permit Terminated		
Company: Equilon Enterprises LLC	Received	Completed	Permit #	Days Used
Location: 4070 S 1st	7/9/2002	8/1/2005	OP	1119
City: St. Louis	Description:	Ownership Change		
County: St. Louis City	Permit Type:	AOP: Basic Operating Permit Amendment		
Project#: AP200207094	Status:	AP: Closed out, per policy		
Company: Goodwin Brothers Printing Co Inc	Received	Completed	Permit #	Days Used
Location: 2613 N BROADWAY	6/8/2005	8/1/2005	OP	54
City: St. Louis	Description:	Remove limitation		
County: St. Louis City	Permit Type:	AOP: Intermediate Operating Permit Amendm		
Project#: AP200506039	Status:	AP: Closed out, per policy		
Company: Mid-West Industrial Chemical	Received	Completed	Permit #	Days Used
Location: 1509 Sublette	6/14/2002	8/1/2005	OP	1144
City: St. Louis	Description:			
County: St. Louis City	Permit Type:	AOP: Intermediate Operating Permit Renewal		
Project#: AP200206071	Status:	AP: Closed out, per policy		
Company: St. Alexis - Jefferson Campus	Received	Completed	Permit #	Days Used
Location: 2639 Miami	1/6/2005	8/1/2005	OP	207
City: St. Louis	Description:	Hospital-Name Change		
County: St. Louis City	Permit Type:	AOP: Intermediate Operating Permit Amendm		
Project#: AP200501027	Status:	AP: Amendment Approved		
Company: APAC - Roark Creek Quarry	Received	Completed	Permit #	Days Used
Location: 1312 Shepherd of the Hill	7/26/2005	8/18/2005	032005-046	23
City: Branson West	Description:	Asphalt		
County: Taney	Permit Type:	AP: Sec 4: Relocate Approved Site		
Project#: AP200507099	Status:	AP: Section 4 Permit Issued		
Company: 3M Company - Commercial Graphics	Received	Completed	Permit #	Days Used
Location: 2120 E AUSTIN BLVD	7/11/1996	8/15/2005	OP2005-023	3322
City: Nevada	Description:	Commercial Graphics		
County: Vernon	Permit Type:	AOP: Part 70 Operating Permit		
Project#: EX48600004035	Status:	AP: Operating Permit Issued		

Company: APAC at Ash Grove-Montevallo	Received 7/14/2005	Completed 8/4/2005	Permit # 042005-007	Days Used 21
Location: County Hwy E East	Description: Asphalt - electrosb - BMP			
City: Montevallo	Permit Type: AP: Sec 4: Relocate to New Site			
County: Vernon	Status: AP: Section 4 Permit Issued			
Project#: AP200507071				
Company: Murphy Farms, Inc.	Received 3/30/2005	Completed 8/24/2005	Permit # 1296002A	Days Used 147
Location: 1300 Murphy Mill Rd	Description: Permitted emission limits			
City: Nevada	Permit Type: AP: Corrections & Amendments			
County: Vernon	Status: AP: Amendment Approved			
Project#: AP200503110				
Company: Village Laundry & Dry Cleaning	Received 8/16/2004	Completed 8/31/2005	Permit # OP	Days Used 380
Location: 500 E Cherry	Description: General OP - Dry Cleaner			
City: Nevada	Permit Type: AOP: Basic Operating Permit			
County: Vernon	Status: AP: Received Basic OP Issued			
Project#: AP200408054				
Company: APAC Missouri-Wash. County	Received 8/2/2005	Completed 8/9/2005	Permit # 032005-042	Days Used 7
Location: MO Hwy 21	Description: Asphalt - electrosb - BMPs			
City: Potosi	Permit Type: AP: Sec 4: Relocate to New Site			
County: Washington	Status: AP: Section 4 Permit Issued			
Project#: AP200508004				
Company: Double Eagle Aggregates, LLC	Received 4/25/2005	Completed 8/4/2005	Permit # 082005-001	Days Used 101
Location: Webster CR 340	Description: Generic Quarry - BMP - electrosb			
City: Miller	Permit Type: AP: IR Sec 5 & 6: Deminimis and Minor			
County: Webster	Status: AP: Section 5 Permit Issued			
Project#: AP200504080				

Operating Permit Progress Report as of 09-08-2005

		Permit Log In	Info Requests	APCP Review	Public Review	Issued	Total
Applicability Determination Requests	Subtotal	0	17	6	0	328	351
	% of total	0%	5%	2%	0%	93%	13%
Basic Permits	Subtotal	8	20	9	0	866	903
	% of total	1%	2%	1%	0%	96%	33%
Intermediate Permits	Subtotal	1	5	10	2	310	328
	% of total	0%	2%	3%	1%	95%	12%
Part 70 Permits	Subtotal	0	13	17	5	442	477
	% of total	0%	3%	4%	1%	93%	17%
Phase II Acid Rain Permits	Subtotal	0	1	1	0	50	52
	% of total	0%	2%	2%	0%	96%	2%
Local Permits	Subtotal	0	0	0	0	205	205
	% of total	0%	0%	0%	0%	100%	7%
Permit Modifications	Subtotal	6	43	33	7	365	454
	% of total	1%	9%	7%	2%	80%	16%
All Permits	Total	15	99	76	14	2566	2770
	% of total	1%	4%	3%	1%	93%	



RULE AND SIP AGENDA

September 29, 2005

Kansas City, MO

ACTIONS FOR PUBLIC HEARING:

- * 10 CSR 10-6.010 (amendment) Ambient Air Quality Standards

This proposed amendment will adopt the new 8-Hour Ozone and Particulate Matter 2.5 Micron National Ambient Air Quality Standards finalized on July 18, 1997 and mandated under the Clean Air Act into the ambient air quality standards table. The Methods and Concentration columns in this table have also been switched for rule clarity.

- * 10 CSR 10-6.020 (amendment) Definitions and Common Reference Tables

This proposed amendment will add definition for PM_{2.5} terminology related to particulate matter emissions and total suspended particulate matter will be clarified and technical titles to the hazardous air pollutants listed in the common reference tables will be corrected. These new definitions and updates are necessary for performing emissions sampling and calculations necessary for the enforcement of air pollution control regulations throughout Missouri.

- * 10 CSR 10-6.030 (amendment) Sampling Methods for Air Pollution Sources

This proposed amendment will update adopted Federal reference methods for the new PM_{2.5} Ambient Air Quality Standards finalized on July 18, 1997 and mandated under the Clean Air Act. These methods are for performing emissions sampling necessary to determine compliance status for these pollutants throughout Missouri.

- * 10 CSR 10-6.040 (amendment) Reference Methods

This proposed amendment will update Federal reference methods for the new 8-hour ozone and PM_{2.5} Ambient Air Quality Standards finalized on July 18, 1997 and mandated under the Clean Air Act. These are methods for calculations necessary to determine compliance status for these pollutants in areas throughout Missouri.

ACTIONS TO BE VOTED ON:

(None Scheduled)

October 27, 2005
Jefferson City, MO

ACTIONS FOR PUBLIC HEARING

(None Scheduled)

ACTIONS TO BE VOTED ON:

- * 10 CSR 10-6.010 (amendment) Ambient Air Quality Standards

This proposed amendment will adopt the new 8-Hour Ozone and Particulate Matter 2.5 Micron National Ambient Air Quality Standards finalized on July 18, 1997 and mandated under the Clean Air Act into the ambient air quality standards table. The Methods and Concentration columns in this table have also been switched for rule clarity.

- * 10 CSR 10-6.020 (amendment) Definitions and Common Reference Tables

This proposed amendment will add definition for PM2.5 terminology related to particulate matter emissions and total suspended particulate matter will be clarified and technical titles to the hazardous air pollutants listed in the common reference tables will be corrected. These new definitions and updates are necessary for performing emissions sampling and calculations necessary for the enforcement of air pollution control regulations throughout Missouri.

- * 10 CSR 10-6.030 (amendment) Sampling Methods for Air Pollution Sources

This proposed amendment will update adopted Federal reference methods for the new PM2.5 Ambient Air Quality Standards finalized on July 18, 1997 and mandated under the Clean Air Act. These methods are for performing emissions sampling necessary to determine compliance status for these pollutants throughout Missouri.

- * 10 CSR 10-6.040 (amendment) Reference Methods

This proposed amendment will update Federal reference methods for the new 8-hour ozone and PM2.5 Ambient Air Quality Standards finalized on July 18, 1997 and mandated under the Clean Air Act. These are methods for calculations necessary to determine compliance status for these pollutants in areas throughout Missouri.

**PUBLIC HEARING ON
PROPOSED AMENDMENT TO**

10 CSR 10-6.010

AMBIENT AIR QUALITY STANDARDS

This amendment updates the ambient air quality standards table in the rule to reflect the new revisions to the Ozone (O₃) and the new Particulate Matter 2.5 (PM_{2.5}) Micron standards in the National Ambient Air Quality Standards (NAAQS).

The rule table Methods and Concentration columns have been switched to clarify rule.

NOTE 1 - Legend for rule actions to be presented at public hearing is as follows:

- * Shaded Text - Rule sections or subsections not proposed for amendment. This text is only for reference.*
- * Unshaded Text - Rule sections or subsections that are proposed for change.*

NOTE 2 - All unshaded text below this line is printed in the Missouri Register.

**Title 10 - DEPARTMENT OF
NATURAL RESOURCES**

Division 10 - Air Conservation Commission

**Chapter 6 – Air Quality Standards, Definitions, Sampling and Reference Methods
and Air Pollution Control Regulations for the Entire State of Missouri**

PROPOSED AMENDMENT

10 CSR 10-6.010 Ambient Air Quality Standards. The commission proposes to amend the Ambient Air Quality Standards Table to now contain the new Eight (8)-Hour Ozone and Particulate Matter 2.5 standards. The table is also being reformatted at this time by switching the Methods and Concentration columns for rule clarity. If the commission adopts this rule action, it will be submitted to the U.S. Environmental Protection Agency to replace the current rule in the Missouri State Implementation Plan. The evidence supporting the need for this proposed rulemaking is available for viewing at the Missouri Department of Natural Resources' Air Pollution Control Program at the address and phone number listed in the Notice of Public Hearing at the end of this rule. More information concerning this rulemaking can be found at the Missouri Department of Natural Resources' Environmental Regulatory Agenda website, www.dnr.mo.gov/regs/regagenda.htm.

*PURPOSE: This rule provides long-range goals for ambient air quality throughout Missouri in order to protect the public health and welfare. This proposed rule amendment adopts the new Eight (8)-Hour Ozone(O₃) and Particulate Matter 2.5 (PM_{2.5}) Micron National Ambient Air Quality Standards finalized on July 18, 1997 and mandated under the Clean Air Act into the ambient air quality standards table. The Methods and Concentration columns in this table have also been switched for rule clarity. The evidence supporting the need for this proposed rulemaking, per section 536.016, RSMo, are the **Federal Register** notices on National Ambient Air Quality Standards for Particulate Matter and Ozone and the Clean Air Act.*

Pollutant	Method	Concentration	Remarks
1. Particulate matter 10-micron (PM ₁₀)	As specified in 10 CSR 10-6.040(4)(J)	50 micrograms per cubic meter annual arithmetic mean	
		150 micrograms per cubic meter	As determined 10 CSR 10-24 hour average concentration
		6.040(4)(K)	
2. Sulfur dioxide	As specified in 10 CSR 10-6.040(4)(A)	0.03 ppm (80 micrograms per cubic meter)	Annual arithmetic mean
		0.14 ppm (365 micrograms per cubic meter)	24 hour average not to be exceeded more than once per year
		0.5 ppm (1300 micrograms per cubic meter)	3 hour average not to be exceeded more than once per year
3. Carbon monoxide	As specified in 10 CSR 10-6.040(4)(C)	9 ppm (10,000 micrograms per cubic meter)	8 hour average not to be exceeded more than once per year
		35 ppm (40,000 micrograms per cubic meter)	1 hour average not to be exceeded more than once per year

4. Photochemical oxidants (ozone)	As specified in 10 CSR 6.040(4)(D)	0.12 ppm (235 micrograms per cubic meter)	1 hour average not to be exceeded more than one day per year (see 10 CSR 10-6.040(4)(H))
5. Nitrogen dioxide	As specified in 10 CSR 10-6.040(4)(F)	0.05 ppm (100 micrograms per cubic meter)	Annual arithmetic mean not to be exceeded
6. Hydrogen sulfide	As specified in 10 CSR 10-6.040(5)	0.05 ppm (70 micrograms per cubic meter)	1/2 hour average not to be exceeded over 2 times per year
		0.03 ppm (42 micrograms per cubic meter)	1/2-hour average not to be exceeded over 2 times in any 5 consecutive days
7. Sulfuric acid	As specified in 10 CSR 10-6.040(6)	10 micrograms per cubic meter	24-hour average not to be exceeded more than once in any 90 consecutive days
		30 micrograms per cubic meter	1-hour average not to be exceeded more than once in any 2 consecutive days
8. Lead	As specified in 10 CSR 10-6.040(4)(G)	1.5 micrograms per cubic meter	Calendar quarter arithmetic mean not to be exceeded]
Pollutant	Concentration	Method	Remarks

1. Particulate	50 micrograms	As specified	3-year average of
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matter 10 micron (PM ₁₀)	per cubic meter	in 10 CSR 10- 6.040(4)(J)	annual arithmetic mean
	150 micrograms per cubic meter		24-hour average concentration. Not more than one expected exceedance, 3 year average (see 10 CSR 10-6.040(4) (K))
Particulate matter 2.5 micron (PM _{2.5})	15 micrograms per cubic meter	As specified in 10 CSR 10- 6.040(4)(L)	3-year average of annual arithmetic mean
	65 micrograms per cubic meter		24-hour average concentration 98 th percentile of monitored daily concentration (see 10 CSR 10-6.040(4)(M))
2. Sulfur dioxide	0.03 ppm (80 micrograms per cubic meter)	As specified in 10 CSR 10- 6.040(4)(A)	Annual arithmetic mean
	0.14 ppm (365 micrograms per cubic meter)		24-hour average not to be exceeded more than once per year
	0.5 ppm (1300 micrograms per cubic meter)		3-hour average not to be exceeded more than once per year
3. Carbon monoxide	9 ppm (10,000 micrograms per cubic meter)	As specified in 10 CSR 10- 6.040(4)(C)	8-hour average not to be exceeded more than once per year
	35 ppm (40,000 micrograms per cubic meter)		1-hour average not to be exceeded more than once per year
4. Photo- chemical oxidants	0.12 ppm (235 micrograms per cubic meter)	As specified in 10 CSR 10- 6.040(4)(D)	1-hour average. Not more than one expected exceedance,

(1-hour) ozone)			3 year average (see 10 CSR 10-6.040(4)(H))
Photo-chemical oxidants (8-hour ozone)	0.08 ppm (156.64 micrograms per cubic meter)	As specified in 10 CSR 10-6.040(4)(D)	8-hour standard not to exceed 3-year average of the 4th highest daily maximum (see 10 CSR 10-6.040(4)(I))
5. Nitrogen dioxide	0.05 ppm (100 micrograms per cubic meter)	As specified in 10 CSR 10-6.040(4)(F)	Annual arithmetic mean not to be exceeded
6. Hydrogen sulfide	0.05 ppm (70 micrograms per cubic meter)	As specified in 10 CSR 10-6.040(5)	1/2-hour average not to be exceeded over 2 times per year
	0.03 ppm (42 micrograms per cubic meter)		1/2-hour average not to be exceeded over 2 times in any 5 consecutive days
7. Sulfuric acid	10 micrograms per cubic meter	As specified in 10 CSR 10-6.040(6)	24-hour average not to be exceeded more than once in any 90 consecutive days
	30 micrograms per cubic meter		1-hour average not to be exceeded more than once in any 2 consecutive days
8. Lead	1.5 micrograms per cubic meter	As specified in 10 CSR 10-6.040(4)(G)	Calendar quarter arithmetic mean not to be exceeded

AUTHORITY: section 643.050, RSMo [Supp. 1992]2000. Original rule filed Aug. 16, 1977, effective Feb. 11, 1978. Amended: Filed Dec. 10, 1979, effective April 11, 1980. Amended: Filed Jan. 5, 1988, effective April 28, 1988. Amended: Filed July 6, 2005.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE OF PUBLIC HEARING AND NOTICE TO SUBMIT COMMENTS: A public hearing on this proposed amendment will begin at 9:00 a.m., September 29, 2005. The public hearing will be held at the Double Tree Hotel, Salon A, 1301 Wyandotte, Kansas City, MO. Opportunity to be heard at the hearing shall be afforded any interested person. Written request to be heard should be submitted at least seven (7) days prior to the hearing to Director, Missouri Department of Natural Resources' Air Pollution Control Program, 1659A East Elm Street, PO Box 176, Jefferson City, MO 65102-0176, (573) 751-4817. Interested persons, whether or not heard, may submit a written statement of their views until 5:00 p.m., October 6, 2005. Written comments shall be sent to Chief, Planning Section, Missouri Department of Natural Resources' Air Pollution Control Program, 1659A East Elm Street, PO Box 176, Jefferson City, MO 65102-0176.

**PUBLIC HEARING ON
PROPOSED AMENDMENT TO
10 CSR 10-6.020**

DEFINITIONS AND COMMON REFERENCE TABLES

This amendment will amend sections (1) and (3), amend subsections (2)(A), (2)(B), (2)(E), (2)(H), (2)(I), (2)(N), (2)(P), (2)(R), (2)(S) and (2)(V); and add new sections (4) and (5).

Sections (1) and (3) are being renamed for standard rule organization format and the Hazardous Air Pollutants list in subsection (3)(C) is being updated.

Subsections (2)(A), (2)(B), (2)(E), (2)(R), and (2)(S) are being amended for minor text corrections.

Subsection (2)(H) is being amended to add the definition for Hourly *de minimis* level for rule clarity.

Subsection (2)(I) is being amended to expand the definition of Insignificant Activity for rule clarity.

Subsection (2)(N) is being amended to clarify the definition of Net Emissions Increase.

Subsection (2)(P) is being amended to add the definition for Particulate Matter 2.5.

Subsection (2)(V) is being amended to update the list of exempted VOC's.

New sections (4) and (5) are added for standard rule organization format.

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**Title 10 - DEPARTMENT OF
NATURAL RESOURCES**

Division 10 - Air Conservation Commission

Chapter 6 – Air Quality Standards, Definitions, Sampling and Reference Methods

and Air Pollution Control Regulations for the Entire State of Missouri

PROPOSED AMENDMENT

10 CSR 10-6.020 Definitions and Common Reference Tables. The commission proposes to amend sections (1) and (3) and subsections (2)(A), (2)(B), (2)(E), (2)(H), (2)(I), (2)(N), (2)(P), (2)(R), (2)(S) and (2)(V); and add new sections (4) and (5). If the commission adopts this rule action, it will be submitted to the U.S. Environmental Protection Agency to replace the current rule in the Missouri State Implementation Plan. The evidence supporting the need for this proposed rulemaking is available for viewing at the Missouri Department of Natural Resources' Air Pollution Control Program at the address and phone number listed in the Notice of Public Hearing at the end of this rule. More information concerning this rulemaking can be found at the Missouri Department of Natural Resources' Environmental Regulatory Agenda website, www.dnr.mo.gov/regs/regagenda.htm.

*PURPOSE: This rule defines key words and expressions used in Chapters 1 through 6 and provides common reference tables. This amendment adds the definition of the hourly equivalent of the annual de minimis level, updates the rule to provide the definition for a new criteria pollutant, Particulate Matter 2.5 (PM_{2.5}) Micron as required by the new Ambient Air Quality Standards finalized on July 18, 1997 and mandated under the Clean Air Act, deletes Hazardous from the title of the non-VOC Air Pollutant List and adds five (5) new chemical names to the list and removes a material and corrects technical names for four other materials in Table 3—Hazardous Air Pollutants and amends the notes by adding minor rule language. The rule is also being reformatted to the updated rule format for rule standardization, amending the definition of insignificant activity by expansion, as well as the amending of some minor rule language. The evidence supporting the need for this proposed rulemaking, per section 536.016 RSMo, are the **Federal Register** notices on National Ambient Air Quality Standards for Particulate Matter and Ozone and the Clean Air Act.*

- (1) ~~[Application]~~**Applicability.** This rule shall apply throughout Missouri defining terms and expressions used in all Title 10, Division 10—Air Conservation Commission rules.
- (2) **Definitions.**
 - (A) All terms beginning with “A.”
 1. Abatement project designer—An individual who designs or plans Asbestos Hazard Emergency Response Act (AHERA) asbestos abatement.
 2. Accumulator—The reservoir of a condensing unit receiving the condensate from the condenser.
 3. Act—The Clean Air Act, 42 U.S.C. 7401. References to the word Title pertain to the titles of the Clean Air Act Amendments of 1990, P.L. 101-595.
 4. Actual emissions—The actual rate of emissions of a pollutant from a source operation is determined as follows: 1) actual emissions as of a particular date shall equal the average rate, in tons per year, at which the source operation or installation actually emitted the pollutant during the previous two (2)-year period and which represents normal operation. A different time period for averaging may be used if the director determines

it to be more representative. Actual emissions shall be calculated using actual operating hours, production rates and types of materials processed, stored or combusted during the selected time period; 2) the director may presume that source-specific allowable emissions for a source operation or installation are equivalent to the actual emissions of the source operation or installation; and 3) for source operations or installations which have not begun normal operations on the particular date, actual emissions shall equal the potential emissions of the source operation or installation on that date.

5. Adequately wet—To sufficiently mix or penetrate with liquid to prevent the release of particulates. If visible emissions are observed coming from asbestos-containing material, then that material has not been adequately wetted. However, the absence of visible emissions is not sufficient evidence of being adequately wet.
6. Administrator—The regional administrator for Region VII, [~~United States~~]U.S. Environmental Protection Agency (EPA).
7. Adsorption cycle—The period during which the adsorption system is adsorbing and not desorbing.
8. Adverse impact on visibility—The visibility impairment which interferes with the protection, preservation, management or enjoyment of the visitor's visual experience of a Class I area, which is an area designated as Class I in 10 CSR 10-6.060(11)(A)2. This determination must be made on a case-by-case basis taking into account the geographic extent, intensity, duration, frequency and time of visibility impairments, and how these factors correlate with the times of visitor use of the Class I area and the frequency and timing of natural conditions that reduce visibility.
9. Aerospace assembly and components—The fabricated part, assembly of parts or completed unit of aircraft, helicopter, missile or space vehicle or associated equipment.
10. Affected source—A source that includes one (1) or more emission units subject to emission reduction requirements or limitations under Title IV of the Act.
11. Affected states—All states contiguous to the permitting state whose air quality may be affected by the modification, renewal or issuance of, or is within fifty (50) miles of, a source subject to permitting under Title V of the Act.
12. Affected unit—A unit that is subject to emission reduction requirements or limitations under Title IV of the Act.
13. Aggressive air sampling—Sweeping of floors, ceilings and walls and other surfaces with the exhaust of a minimum of one (1) horsepower leafblower or equivalent immediately prior to air monitoring.
14. Agricultural incinerator—An incinerator which is located on a farm or ranch and which has a rated burning capacity of less than one hundred pounds (100 lbs.) per hour of Type IV waste as defined by the Incinerator Standards of the Incinerator Institute of America (11A—STDS66) and is

located more than fifteen hundred feet (1500') from the nearest inhabited dwelling not on the farm or ranch.

15. AHERA—Asbestos Hazard Emergency Response Act of 1986 (P.L. 99-519).
16. Air cleaning device—Any method, process or equipment which removes, reduces or renders less obnoxious air contaminants discharged into the ambient air.
17. Air contaminant—Any particulate matter or any gas or vapor or any combination of them.
18. Air contaminant source—Any and all sources of emission of air contaminants whether privately or publicly owned or operated.
19. Air-dried coating—The coatings which are dried by the use of air or forced warm air at temperatures up to ninety degrees Celsius (90°C) (one hundred ninety-four degrees Fahrenheit (194°F)).
20. Air pollution—The presence in the ambient air of one (1) or more air contaminants in quantities, of characteristics and of a duration which directly and approximately cause or contribute to injury to human, plant or animal life or health, or to property or which unreasonably interfere with the enjoyment of life or use of property.
21. Allowable emissions—The emission rate calculated using the maximum rated capacity of the installation (unless the source is subject to enforceable permit conditions which limit the operating rate or hours of operation, or both) and the most stringent of the following: 1) emission limit established in any applicable emissions control rule including those with a future compliance date or 2) the emission rate specified as a permit condition.
22. Allowance—An authorization, allocated to an affected unit by the administrator under Title IV of the Act, to emit, during or after a specified calendar year, one (1) ton of sulfur dioxide (SO₂).
23. Alternate site analysis—An analysis of alternative sites, sizes, production processes and environmental control techniques for the proposed source which demonstrates that benefits of the proposed installation significantly outweigh the environmental and social costs imposed as a result of its location, construction or modification.
24. Ambient air—All space outside of buildings, stacks or exterior ducts.
25. Ambient air increments—The limited increases of pollutant concentrations in ambient air over the baseline concentration.
26. Anode bake plant—A facility which produces carbon anodes for use in a primary aluminum reduction installation.
27. Applicable requirement—All of the following listed in the Act:
 - A. Any standard or requirement provided for in the implementation plan approved or promulgated by EPA through rulemaking under Title I of the Act that implements the relevant requirements, including any revisions to that plan promulgated in 40 CFR part 52;

- B. Any term or condition of any preconstruction permit issued pursuant to regulations approved or promulgated through rulemaking under Title I, including parts C or D of the Act;
 - C. Any standard or requirement under section 111 of the Act, including section 111(d);
 - D. Any standard or requirement under section 112 of the Act, including any requirement concerning accident prevention under section 112(r)(7);
 - E. Any standard or requirement of the acid rain program under Title IV of the Act or the regulations promulgated under it;
 - F. Any requirements established pursuant to section 504(b) or section 114(a)(3) of the Act;
 - G. Any standard or requirement governing solid waste incineration, under section 129 of the Act;
 - H. Any standard or requirement for consumer and commercial products, under section 183(e) of the Act;
 - I. Any standard or requirement for tank vessels under section 183(f) of the Act;
 - J. Any standard or requirement of the program to control air pollution from outer continental shelf sources, under section 328 of the Act;
 - K. Any standard or requirement of the regulations promulgated to protect stratospheric ozone under Title VI of the Act, unless the administrator has determined that these requirements need not be contained in a Title V permit;
 - L. Any national ambient air quality standard or increment or visibility requirement under part C of Title I of the Act, but only as it would apply to temporary sources permitted pursuant to section 504(e); and
 - M. Any standard or requirement established in sections 643.010–643.190, RSMo of the Missouri Air Conservation Law and rules adopted under them.
28. Appropriate warning sign—Any asbestos hazard warning sign that complies with the regulations of the United States Occupational Safety and Health Administration (OSHA) or the EPA rules.
 29. Approved source—A source of fuel which has been found by the department director, after the tests as s/he may require, to be in compliance with these rules.
 30. Approved waste disposal site—A solid waste disposal area that is authorized by the department to receive friable asbestos containing solid wastes.
 31. Area of the state—Any geographical area designated by the commission.
 32. Asbestos—The asbestiform varieties of chrysotile, crocidolite, amosite, anthophyllite, tremolite and actinolite.
 33. Asbestos abatement—The encapsulation, enclosure or removal of asbestos-containing materials, in or from a building, or air contaminant

source; or preparation of friable asbestos-containing material prior to demolition.

34. Asbestos abatement contractor—Any person who by agreement, contractual or otherwise, conducts asbestos abatement projects at a location other than his/her own place of business.
35. Asbestos abatement project—An activity undertaken to encapsulate, enclose or remove ten (10) square feet or sixteen (16) linear feet or more of friable asbestos-containing materials from buildings and other air contaminant sources, or to demolish buildings and other air contaminant sources containing ten (10) square feet or sixteen (16) linear feet or more.
36. Asbestos abatement supervisor—An individual who directs, controls or supervises others in asbestos abatement projects.
37. Asbestos abatement worker—An individual who engages in asbestos abatement projects.
38. Asbestos air sampling professional—An individual who by qualifications and experience is proficient in asbestos abatement air monitoring. The individual shall conduct, oversee or be responsible for air monitoring of asbestos abatement projects before, during and after the project has been completed.
39. Asbestos air sampling technician—An individual who has been trained by an air sampling professional to do air monitoring. That individual conducts air monitoring of an asbestos abatement project before, during and after the project has been completed.
40. Asbestos caution label—A label that complies with applicable EPA, Department of Transportation (DOT) and OSHA rule requirements and is to be securely affixed to a waste container that contains friable asbestos materials.
41. Asbestos-containing material (ACM)—Any material or product which contains more than one percent (1%) asbestos, by weight.
42. Asbestos debris—Material that results from removal or deterioration of asbestos-containing material.
43. Asbestos dismantling project—An asbestos abatement project that includes the disassembling, handling and moving of the components of any structural or equipment item that has been coated with friable asbestos-containing material without first removing this material.
44. Asbestos encapsulation project—An asbestos abatement project involving the coating of a friable asbestos-containing surface material with a sealing substance with the intended purpose of preventing the continued release of asbestos fibers from the material into the air. This definition shall not include:
 - A. The repainting of a previously painted asbestos-containing surface primarily for the purpose of improving appearance;
 - B. The application of a sealing material to a surface subsequent to the removal of asbestos from it;
 - C. The application of an encapsulant to asbestos-containing material while the material is being removed;

- D. The application of a sealing substance to less than ten (10) square feet or less than sixteen (16) linear feet of friable asbestos-containing material that is contiguous to other types of material;
 - E. The application of a sealing substance to asbestos-containing material that has previously been enclosed or encapsulated; or
 - F. The painting of nonfriable asbestos-containing material.
- 45. Asbestos enclosure project—An asbestos abatement project that involves the construction of an airtight impact resistant barrier to isolate a surface coated with asbestos-containing material.
 - 46. Asbestos Hazard Emergency Response Act—(AHERA) of 1986 (P.L. 99-519)
 - 47. Asbestos maintenance operation—Any operation that involves the removal or cleanup of less than ten (10) square feet or less than sixteen (16) linear feet of friable asbestos-containing material from any type of structural or equipment item in order to repair, replace or maintain the item and anything attached to it.
 - 48. Asbestos projects—An activity undertaken to remove or encapsulate one hundred sixty (160) square feet or two hundred sixty (260) linear feet or more of friable asbestos-containing materials or demolition of any structure or building or a part of it containing the previously mentioned quantities of asbestos-containing materials.
 - 49. Asbestos removal project—An asbestos abatement project consisting of activities that involve, and are required, to take out friable asbestos-containing materials from any facility. This definition includes, but is not limited to, activities associated with the cleanup of loose friable asbestos-containing debris or refuse, or both, from floors and other surfaces.
 - 50. ASME—American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017.
 - 51. Asphalt prime coat—Application of low-viscosity liquid asphalt to an absorbent surface such as a previously untreated surface.
 - 52. Asphalt seal coat—An application of a thin asphalt surface treatment used to waterproof and improve the texture of an absorbent surface or a nonabsorbent surface such as asphalt or concrete.
 - 53. ASTM—American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103.
 - 54. Automobile—A four (4)-wheel passenger motor vehicle or derivative capable of seating no more than twelve (12) passengers.
 - 55. Automobile and light duty truck surface coating operations—The application, flashoff and curing of prime, primer-surfacer, topcoat and final repair coatings during the assembly of passenger cars and light duty trucks excluding the following operations:
 - A. Wheel coatings;
 - B. Miscellaneous anti-rust coatings;
 - C. Truck interior coatings;
 - D. Interior coatings;
 - E. Flexible coatings;

- F. Sealers and adhesives; and
- G. Plastic parts coatings. (~~Customizes~~**Customizers**, body shops and other repainters are not part of this definition.)

56. Automotive underbody deadeners—Any coating applied to the underbody of a motor vehicle to reduce the noise reaching the passenger compartment.

(B) All terms beginning with “B.”

1. Base year—The year chosen in the state implementation plan to directly correlate emissions of the nonattainment pollutant in the nonattainment area with ambient air quality data pertaining to the pollutant. From the base year, projections are made to determine when the area will attain and maintain the ambient air quality standards.
2. Baseline area—The continuous area in which the source constructs as well as those portions of the intrastate area which are not part of a nonattainment area and which would receive an air quality impact equal to or greater than one microgram per cubic meter ($1 \mu\text{g}/\text{m}^3$) annual average (established by modeling) for each pollutant for which an installation receives a permit under 10 CSR 10-6.060(8) and for which increments have been established in 10 CSR 10-6.060(11)(A), Table 1. Each of these areas are references to the standard United States Geological Survey (USGS) County-Township-Range-Section system. The smallest unit of area for which a baseline date will be set is one (1) section (one (1) square mile).
3. Baseline concentration—That ambient concentration level which exists at locations of anticipated maximum air quality impact or increment consumption within a baseline area at the time of the applicable baseline date, minus any contribution from installations, modifications and major modifications subject to 10 CSR 10-6.060(8) or subject to 40 CFR 52.21 on which construction commenced on or after January 6, 1975, for sulfur dioxide and particulate matter and February 8, 1988, for nitrogen dioxide. The baseline concentration shall include contributions from:
 - A. The actual emissions of other installations in existence on the applicable baseline date; and
 - B. The potential emissions of installations and major modifications which commenced construction before January 6, 1975, but were not in operation by the applicable baseline date.
4. Baseline date—The date, for each baseline area, of the first complete application after August 7, 1977, for sulfur dioxide and particulate matter, and February 8, 1988, for nitrogen dioxide for a permit to construct and operate an installation subject to 10 CSR 10-6.060(8) or subject to 40 CFR 52.21.
5. Best available control technology (BACT)—An emission limitation (including a visible emission limit) based on the maximum degree of reduction for each pollutant which would be emitted from any proposed installation or major modification which the director on a case-by-case basis, taking into account energy, environmental and economic impacts

and other costs, determines is achievable for the installation or major modification through application of production processes or available methods, systems and techniques, including fuel cleaning or treatment or innovative fuel combustion techniques for control of the pollutant. In no event shall application of BACT result in emissions of any pollutant which would exceed the emissions allowed by any applicable emissions control regulation, including New Source Performance Standards established in 10 CSR 10-6.070 and 40 CFR part 60 and National Emissions Standards for Hazardous Pollutants established in 10 CSR 10-6.080 and 40 CFR part 61. If the director determines that technological or economic limitations on the application of measurement methodology to a particular source operation would make the imposition of an emission limitation infeasible, a design, equipment, work practice, operational standard or combination of these may be prescribed instead to require the application of BACT. This standard, to the degree possible, shall set forth the emission reduction achievable by implementation of the design, equipment, work practice or operation and shall provide for compliance by means which achieve equivalent results.

6. Building—Any structure excluding single-family, owner-occupied dwellings, and vacant public or privately owned residential structures of four (4) dwelling units or less being demolished for the sole purpose of public health, safety or welfare. Excluded structures must be geographically ~~[disbursed]~~ **dispersed**, demolished pursuant to a public safety determination, and must pose a threat to public safety.

(C) All terms beginning with “C.”

1. Can coating—A surface coating applied to a cylindrical steel or aluminum container. The container can be two (2) pieces (made by a drawn and wall-ironed shallow cup with only one (1) end) or three (3) pieces (made by a rectangular material rolled into a cylinder and the attachment of two (2) end pieces).
2. Carbon adsorption system—A device containing adsorbent material (for example, activated carbon, aluminum, silica gel); an inlet and outlet for exhaust gases; and a system to regenerate the saturated adsorbent. The carbon adsorption system must provide for the proper disposal or reuse of all volatile organic compounds (VOC) adsorbed.
3. Carbon bed breakthrough—A concentration of VOC in the carbon adsorption device exhaust that exceeds ten percent (10%) by weight of the inlet VOC concentration.
4. Catalytic incinerator—A control device using a catalyst to allow combustion to occur at a lower temperature.
5. Category I nonfriable ACM—Asbestos-containing packings, gaskets, resilient floor covering and asphalt roofing products containing more than one percent (1%) asbestos as determined using the method specified in 40 CFR part 763, subpart F, Appendix A, section 1, Polarized Light Microscopy.

6. Category II nonfriable ACM—Any material, excluding category I nonfriable ACM, containing more than one percent (1%) asbestos as determined using the method specified in 40 CFR part 763, subpart F, Appendix A, section 1, Polarized Light Microscopy that, when dry, cannot be crumbled, pulverized or reduced to powder by hand pressure.
7. Circumvention—Building, erecting, installing or using any article, machine, equipment, process or method which, when used, would conceal an emission that would otherwise constitute a violation of an applicable standard or requirement. That concealment includes, but is not limited to, the use of gaseous adjuncts to achieve compliance with a visible emissions standard, and the piecemeal carrying out of an operation to avoid coverage by a standard that applies only to operations larger than a specific size.
8. Clean room—An uncontaminated area or room which is a part of the worker decontamination enclosure system.
9. Clear coat—A coating which lacks color and opacity or is transparent and uses the undercoat as a reflectant base or undertone color. This term also includes corrosion preventative coatings used for the interior of drums or pails.
10. Closed container—A container with a cover fastened in place so that it will not allow leakage or spilling of the contents.
11. Coating applicator—An apparatus used to apply a surface coating.
12. Coating line—One (1) or more apparatus or operations which include a coating applicator, flash-off area and oven where a surface coating is applied, dried or cured, or a combination of these.
13. Coil coating—The coating of any flat metal sheet or strip that comes in rolls or coils.
14. Cold cleaner—Any device or piece of equipment that contains and/or uses liquid solvent, into which parts are placed to remove soils from the surfaces of the parts or to dry the parts. Cleaning machines that contain and use heated nonboiling solvent to clean the parts are classified as cold cleaning machines.
15. Commenced—An owner or operator has undertaken a continuous program of construction or modification or that an owner or operator has entered into a binding agreement or contractual obligation to undertake and complete within a reasonable time, a continuous program of construction or modification.
16. Commenced operation—The initial setting into operation of any air pollution control equipment or process equipment.
17. Commercial vehicle—A motor vehicle designed or regularly used for carrying freight and merchandise or more than eight (8) passengers.
18. Commission—The Missouri Air Conservation Commission established pursuant to section 643.040, RSMo.
19. Condensate (hydrocarbons)—A hydrocarbon liquid separated from natural gas which condenses due to changes in the temperature or pressure, or both, and remains liquid at standard conditions.

20. Condenser—Any heat transfer device used to liquefy vapors by removing their latent heats of vaporization including, but not limited to, shell and tube, coil, surface or contact condensers.
21. Conservation vent—Any valve designed and used to reduce evaporation losses of VOC by limiting the amount of air admitted to, or vapors released from, the vapor space of a closed storage vessel.
22. Construction—Fabricating, erecting, reconstructing or installing a source operation. Construction shall include installation of building supports and foundations, laying of underground pipe work, building of permanent storage structures and other construction activities related to the source operation.
23. Containment—The area where an asbestos abatement project is conducted. The area must be enclosed either by a glove bag or plastic sheeting barriers.
24. Control curtain—Any of the three (3) following types of closure devices that are to be constructed of not less than four (4) mil thick plastic sheeting material and installed in an entryway of an area that is considered to be contaminated with free asbestos fibers.
 - A. A ventilation curtain that allows unrestricted air flow movement into a contaminated area when it is being ventilated with an exhaust fan. This curtain consists of a single flap that opens into the contaminated area and is securely fastened across the top of the entryway framework so that it overlaps both sides of the entryway by not less than twelve inches (12") and the base of the entryway by not less than three inches (3");
 - B. A confinement curtain that restricts the movement of air into, and from, an unventilated and contaminated area. This curtain consists of three (3) constructed baffles that cover the entire area of the entryway and are securely fastened along the top of the entryway framework and along alternate sides of locations in a manner that will allow two (2) of the curtains to fully cover the entryway opening while a person passes through the third curtain. An airlock arrangement consisting of two (2) confinement curtain entryways that are located at least three feet (3') apart may be substituted for the triple baffle arrangement; or
 - C. A closure device for which written department approval is required.
25. Conveyorized degreaser—A type of degreaser in which the parts are loaded continuously.
26. Criteria pollutant—Air pollutants for which air quality standards have been established in 10 CSR 10-6.010.
27. Crude oil—A naturally occurring mixture which consists of hydrocarbons and sulfur, nitrogen or oxygen derivatives, or a combination of these, of hydrocarbons which is a liquid at standard conditions.
28. Custody transfer—The transfer of produced crude oil or condensate, or both, after processing or treating, or both, in the producing operations,

from storage tanks or automatic transfer facilities to pipelines or any other forms of transportation.

29. Cutback asphalt—Any asphaltic cement that has been liquefied by blending with VOC liquid diluents.

(D) All terms beginning with “D.”

1. Decontamination facility—The serial arrangement of rooms or spaces for the purpose of separating the work site from the building environment upon entering the work site and for the cleaning of persons, equipment and contained waste prior to returning to the clean environment.
2. Degreasing—A solvent metal cleaning in which nonaqueous solvents are used to clean and remove soils from metal surfaces.
3. Delivery vessel—A tank truck, trailer, railroad tank car or drums.
4. *De minimis* levels—Any emissions level less than or equal to the rates listed in Table 1, subsection (3)(A) of this rule.
5. Demolition project—The wrecking, razing, burning or removing of any load-supporting structural member or portion of a structure together with any related handling operation.
6. Department-approved inhouse project—An asbestos abatement project in a person’s own facility using their own trained facility employees; the project has received departmental approval as part of planned renovation operations.
7. Designated representative—A responsible individual authorized by the owner or operator of an affected source and of all affected units at the source, as evidenced by a certificate of representation submitted in accordance with subpart B of 40 CFR part 72, to represent and legally bind each owner and operator, as a matter of federal law, in matters pertaining to the Acid Rain Program. Whenever the term “responsible official” is used in 40 CFR part 70, 10 CSR 10-6.065 or in any other regulations implementing Title V of the Act, it shall be deemed to refer to the “designated representative” with regard to all matters under the Acid Rain Program.
8. Diammonium phosphate—A product resulting from the reaction between phosphoric acid and ammonia having the molecular formula $(\text{NH}_4)_2\text{HPO}_4$.
9. Director or department director—Director of the Department of Natural Resources.
10. Dispersion technique—
 - A. A dispersion technique is any technique designed to affect the concentration of a pollutant in the ambient air by—
 - (I) Using that portion of a stack which exceeds good engineering practice stack height;
 - (II) Varying the rate of emission of a pollutant according to atmospheric conditions or ambient concentrations of that pollutant; or
 - (III) Increasing final exhaust gas plume rise by manipulating source process parameters, exhaust gas parameters, stack parameters or combining exhaust gases from several

existing stacks into one (1) stack; or other selective handling of exhaust gas streams so as to increase the exhaust gas plume rise; and

B. This definition does not include:

- (I) The reheating of a gas stream, following use of a pollution control system, for the purpose of returning the gas to the temperature at which it was originally discharged from the installation generating the gas stream;
- (II) The merging of exhaust gas streams where—
 - (a) The installation owner or operator demonstrates that the installation was originally designed and constructed with the merged gas streams;
 - (b) After July 8, 1985, the merging is part of a change in operation at the installation that includes the installation of emissions control equipment and is accompanied by a net reduction in the allowable emissions of a pollutant. This exclusion from the definition of dispersion technique shall apply only to the emission limitation for the pollutant affected by a change in operation; or
 - (c) Before July 8, 1985, the merging was part of a change in operation at the installation that included the installation of emissions control equipment or was carried out for sound economic or engineering reasons. Where there was an increase in the emission limitation or in the event that no emission limitation was in existence prior to the merging, the director shall presume that merging was significantly motivated by an intent to gain emissions credit for greater dispersion. Without a demonstration by the source owner or operator that merging was not significantly motivated by that intent, the director shall deny credit for the effects of merging in calculating the allowable emissions for the source;
- (III) Smoke management in agricultural or silvicultural prescribed burning programs;
- (IV) Episodic restrictions on residential woodburning and open burning; or
- (V) Techniques under part (2)(D)10.A.(III) of this definition which increase final exhaust gas plume rise where the resulting allowable emissions of sulfur dioxide from the installation do not exceed five thousand (5000) tons per year.

11. Draft permit—The version of a permit for which the permitting authority offers public participation or affected state review.

12. Drum—Any cylindrical container of thirteen to one hundred ten (13—110) gallon capacity.
13. Dry cleaning installation—An installation engaged in the cleaning of fabrics in an essentially nonaqueous solvent by means of one (1) or more washes in solvent, extraction of excess solvent by spinning and drying by tumbling in an airstream. The installation includes, but is not limited to, any washer, dryer, filter and purification systems, waste disposal systems, holding tanks, pumps, and attendant piping and valves.

(E) All terms beginning with “E.”

1. Emergency asbestos abatement project—An asbestos abatement project that must be undertaken immediately to prevent imminent severe human exposure or to restore essential facility operation.
2. Emission—The release or discharge, whether directly or indirectly, into the atmosphere of one (1) or more air contaminants.
3. Emission limitation—A regulatory requirement, permit condition or consent agreement which limits the quantity, rate or concentration of emissions on a continuous basis, including any requirement which limits the level of opacity, prescribes equipment, sets fuel specifications or prescribes operation or maintenance procedures for an installation to assure continuous emission reduction.
4. Emissions unit—Any part or activity of an installation that emits or has the potential to emit any regulated air pollutant or any pollutant listed under section 112(b) of the Act. This term is not meant to alter or affect the definition of the term unit for the purposes of Title IV of the Act.
5. Emulsified asphalt—An emulsion of asphalt cement and water that contains a small amount of an emulsifying agent, as specified in ASTM D (977-77) or ASTM D (2397-73).
6. Enamel—A surface coating that is a mixture of paint and varnish, having vehicles similar to those used for varnish, but also containing pigments.
7. End exterior coating (two (2)-piece)—A surface coating used to cover the outside surface of the end of a two (2)-piece can.
8. End seal compound—The gasket forming coating used to attach the end pieces of a can during manufacturing or after filling with contents.
9. Equipment—Any item that is designed or intended to perform any operation and includes any item attached to it to assist in the operation.
10. Equivalent phosphorous pentoxide feed—The quantity of phosphorous, expressed as phosphorous pentoxide, fed to the process.
11. Excess emissions—The emissions which exceed the requirements of any applicable emission control regulation.
12. Excessive concentration—
 - A. For installations seeking credit for reduced ambient pollutant concentrations from stack height exceeding that defined in subparagraph (2)(G)3.B., an excessive concentration is a maximum ground level concentration due to emissions from a stack due in whole or part to downwash, wakes or eddy effects produced by nearby structures or nearby terrain features which are at least forty

percent (40%) in excess of the maximum concentration experienced in the absence of the downwash, wakes or eddy effects, and that contributes to a total concentration due to emissions from all installations that is greater than an ambient air quality standard. For installations subject to the prevention of significant deterioration program as set forth in 10 CSR 10-6.060(8), an excessive concentration means a maximum ground level concentration due to emissions from a stack due to the same conditions as mentioned previously and is greater than a prevention of significant deterioration increment. The allowable emission rate to be used in making demonstrations under this definition shall be prescribed by the new source performance regulation as referenced by 10 CSR 10-6.070 for the source category unless the owner or operator demonstrates that this emission rate is infeasible. Where demonstrations are approved by the director, an alternative emission rate shall be established in consultation with the source owner or operator;

- B. For installations seeking credit after October 11, 1983, for increases in stack heights up to the heights established under subparagraph (2)(G)3.B., an excessive concentration is either—
 - (I) A maximum ground level concentration due in whole or part to downwash, wakes or eddy effects as provided in subparagraph (2)(E)12.A. of this rule, except that the emission rate used shall be the applicable emission limitation (or, in the absence of this limit, the actual emission rate); or
 - (II) The actual presence of a local nuisance caused by the stack, as determined by the director; and
- C. For installations seeking credit after January 12, 1979, for a stack height determined under subparagraph (2)(G)3.B. where the director requires the use of a field study of fluid model to verify good engineering practice stack height, for installations seeking stack height credit after November 9, 1984, based on the aerodynamic influence of cooling towers and for installations seeking stack height credit after December 31, 1970, based on the aerodynamic influence of structures not represented adequately by the equations in subparagraph (2)(G)3.B., a maximum ground-level concentration due in whole or part to downwash, wakes or eddy effects that is at least forty percent (40%) in excess of the maximum concentration experienced in the absence of downwash, wakes or eddy effects.

- 13. Existing—As applied to any equipment, machine, device, article, contrivance or installation shall mean in being, installed or under construction in the Kansas City metropolitan area on September 25, 1968 (Buchanan County, January 21, 1970), in the St. Louis metropolitan area on March 24, 1967 (Franklin County, January 18, 1972), in the Springfield

metropolitan area on September 24, 1971, and in the outstate Missouri area on February 24, 1971, except that if equipment, machine, device, article, contrivance or installation subsequently is altered, repaired or rebuilt at a cost of fifty percent (50%) or more of its replacement cost exclusive of routine maintenance, it shall no longer be existing, but shall be considered new as defined in this regulation. The cost of installing equipment designed principally for the purpose of air pollution control is not to be considered a cost of altering, repairing or rebuilding existing equipment for the purpose of this definition.

14. Exterior coating (two (2)-piece)—A surface coating used to coat the outside face of a two (2)-piece can. Used to provide protection from the lithograph or printing operations.
15. External floating roof—A storage vessel cover in an open top tank consisting of a double-deck or pontoon single deck which rests upon and is supported by petroleum liquid being contained and is equipped with a closure seal(s) to close the space between the roof edge and tank wall.
16. Extreme environmental conditions—The exposure to any of—the weather all of the time, temperatures consistently above ninety-five degrees Celsius (95°C), detergents-abrasive and scouring agents, solvents, corrosive atmospheres or similar environmental conditions.
17. Extreme performance coating—A ~~coat~~**coating** designed for extreme environmental conditions.

(F) All terms beginning with “F.”

1. Fabric coating—The coating of a textile substrate with a knife or roller spreader to impart properties that are not initially present, such as strength, stability, water or acid repellency or appearance.
2. Federally enforceable—All limitations and conditions which are enforceable by the administrator, including those requirements developed pursuant to 40 CFR parts 55, 60, 61 and 63; requirements within any applicable state implementation plan; requirements in operating permits issued pursuant to 40 CFR parts 70 or 71, unless specifically designated as non-federally enforceable; and any permit requirements established pursuant to 40 CFR sections 52.10, 52.21, or part 55, or under regulations approved pursuant to 40 CFR part 51, subpart I, including operating permits issued under an EPA-approved program that is incorporated into the state implementation plan and expressly requires adherence to any permit issued under such program.
3. Final permit—The version of a part 70 permit issued by the permitting authority that has completed all review procedures as required in part 70 sections 70.7 and 70.8.
4. Final repair—The final coatings applied to correct topcoat imperfections after the complete assembly of the automobile.
5. Firebox—The chamber or compartment of a boiler or furnace in which materials are burned but does not mean the combustion chamber of an incinerator.
6. Flash off area—The space between the application area and the oven.

7. Flexographic printing—The application of words, designs and pictures to a substrate by means of a roll printing technique in which the pattern to be applied is raised above the printing roll and the image carrier is made of rubber or other elastomeric materials.
 8. Freeboard height—The distance from the solvent (cold cleaner) or solvent vapor level (vapor degreaser) to the top edge of the solvent container.
 9. Freeboard ratio—The freeboard height divided by the width of the degreaser.
 10. Friable asbestos-containing material—Any material that contains more than one percent (1%) asbestos, by weight, which is applied to ceilings, walls, structural members, piping, ductwork or any other part of a building or facility and which, when dry, may be crumbled, pulverized or reduced to powder by hand pressure.
 11. Fugitive emissions—Those emissions which according to good engineering practice could not pass through a stack, chimney, vent or other functionally equivalent opening.
 12. Furnishings—Removable furniture, drapes, rugs and decorative items.
- (G) All terms beginning with “G.”
1. Gasoline—A petroleum liquid having a Reid vapor pressure four pounds (4 lbs.) per square inch or greater.
 2. Glove bag—A manufactured or fabricated device, typically constructed of six (6) mil transparent polyethylene or polyvinyl chloride plastic. This device consists of two (2) inward projecting long sleeves, an internal tool pouch and an attached, labeled receptacle for asbestos waste. The bags are especially designed to contain sections of pipe for the purpose of removing a short length of damaged asbestos material without releasing fibers into the air.
 3. Good engineering practice (GEP) stack height—GEP stack height means the greater of—
 - A. Sixty-five meters (65m), measured from the ground level elevation at the base of the stack;
 - B. For stacks on which construction commenced on or before January 12, 1979, and for which the owner or operator had obtained all applicable permits or approvals required under 40 CFR parts 51 and 52,

$$H_g = 2.5H$$

provided the owner or operator produces evidence that this equation was actually relied on in establishing an emission limitation; and for all other stacks,

$$H_g = H + 1.5L$$

Where:

Hg = GEP stack height, measured from the ground level elevation at the base of the stack;
H = height of nearby structure(s) measured from the ground level elevation at the base of the stack; and
L = lesser dimension, height or projected width of the nearby structure(s). Provided that the director may require the use of a field study or fluid model to verify GEP stack height for the installation; or

C. The height demonstrated by a fluid model or field study approved by the director, which ensures that the emissions from a stack do not result in excessive concentrations of any air pollutant as result of atmospheric downwash, wakes or eddy effects created by the source itself, nearby structures or nearby terrain features.

4. Growth increment—The limit on new installation or major modification emissions of a nonattainment pollutant. Growth increment is reserved for use only by installations with no applicable, internally generated, banked emissions reductions.

(H) All terms beginning with “H.”

1. Hazardous air pollutant—Any of the air pollutants listed in subsection (3)(C) of this rule.
2. HHV—A higher heating value as determined by 10 CSR 10-6.040(2) (ASTM Standard: D 2015-66, Part 19, 1972, Standard Method for Determining Gross Heating Values of Solid Fuels).
3. High efficiency particulate air filter—A HEPA filter found in respirators and vacuum systems capable of filtering three-tenths (0.3) micron particles with at least ninety-nine and ninety-seven hundredths percent (99.97%) efficiency.
4. High terrain—Any area having an elevation nine hundred feet (900') or more above the base of the stack of the installation.
5. Homogeneous area—An area of surfacing material, thermal system insulation material or miscellaneous material that is uniform in color and texture.
6. Hot car—A vehicle which transfers hot coke from the oven to the area of quenching.
7. Hot well—The reservoir of a condensing unit receiving the warm condensate from the condenser.
8. **Hourly *de minimis* level—The hourly equivalent of the annual *de minimis* levels established in Table 1, subsection (3)(A) of this rule, calculated as (Hourly *De Minimis* Level = *De Minimis* Level x 2000/8760) and typically expressed in terms of pounds per hour.**

(I) All terms beginning with “I.”

1. Incinerator—Any article, machine, equipment, contrivance, structure or part of a structure used to burn refuse or to process refuse material by burning other than by open burning as defined in this rule.
2. Indirect heating source—A source operation in which fuel is burned for the primary purpose of producing steam, hot water or hot air, or other

indirect heating of liquids, gases or solids where, in the course of doing so, the products of combustion do not come into direct contact with process materials.

3. Individual source monitoring—A system as specified in EPA document EPA-450/2-78-036 entitled *Control of Volatile Organic Compound Leaks from Petroleum Refinery Equipment*, which utilizes a portable hydrocarbon monitor to measure levels of volatile hydrocarbons emitted from individual process equipment.
4. Innovative control technology—Any system of air pollution control that has not been adequately demonstrated in practice but would have a substantial likelihood of achieving greater continuous emission reduction than any control system in current practice or of achieving at least comparable reductions at lower cost in terms of energy, economics or non-air quality environmental impacts.
5. Insignificant activity—All emission units identified by an applicant whose aggregate emission levels for the installation do not exceed that of the *de minimis* levels and do not have any applicable requirements associated with them. **Exempt emission units and excluded activities listed in 10 CSR 10-6.061 exempting sources from construction permit review under 10 CSR 10-6.060 are also considered as insignificant activities.**
6. Inspector—An individual, under AHERA, who collects and assimilates information used to determine whether asbestos-containing material is present in a building or other air contaminant sources.
7. Installation—All source operations including activities that result in fugitive emissions, that belong to the same industrial grouping (that have the same two (2)-digit code as described in the *Standard Industrial Classification Manual*, 1987), and any marine vessels while docked at the installation, located on one (1) or more contiguous or adjacent properties and under the control of the same person (or persons under common control).
8. Interior body spray (two (2)- and three (3)-piece)—The surface coating for the interior and ends of a two (2)-piece formed can or the surface coating of the side of the rectangular material to be used as the interior and ends of a three (3)-piece can.
9. Internal floating roof—A product cover in a fixed roof tank which rests upon or is floated upon the VOC liquid being contained and which is equipped with a sliding seal(s) to close the space between the edge of the covers and tank shell.
10. Inventory—A quantification of emissions by installation and by source operation.

(J) All terms beginning with “J.”

(K) All terms beginning with “K.”

1. Kansas City metropolitan area—The geographical area comprised of Jackson, Cass, Clay, Platte, Ray and Buchanan Counties.

2. Knife coating—The application of a coating material to a substrate by means of drawing the substrate between a knife that spreads the coating evenly over the full width of the substrate.
- (L) All terms beginning with “L.”
1. Lacquers—A surface coating that is basically solutions of nitrocellulose in VOCs, with plasticizers and other resins added to improve the quality of the film.
 2. Light-duty truck—Any motor vehicle rated at eight thousand five hundred pounds (8500 lbs.) gross weight or less or a derivation of this vehicle which is designed primarily for the purpose of transportation of property.
 3. Liquefied cutback asphalt (LCA)—An asphalt cement which has been liquefied by blending with petroleum solvents (dilutents).
 4. Liquid-mounted seal—A primary seal mounted in continuous contact with the liquid between the tank wall and the floating roof around the circumference of the tank.
 5. Low terrain—Any area other than high terrain.
 6. Lower explosive limit (LEL)—The lower limit of flammability of a gas or vapor at ordinary ambient temperatures expressed in percent of the gas or vapor in air by volume.
 7. Lowest achievable emission rate (LAER)—That rate of emissions which reflects—1) the most stringent emission limitation which is contained in any state implementation plan for a class or category of source, unless the owner or operator of the proposed source demonstrates that the limitations are not achievable or 2) the most stringent emission limitation which is achieved in practice by the class or category of source, whichever is more stringent. LAER shall not be less stringent than the new source performance standard limit.
- (M) All terms beginning with “M.”
1. MACT (Maximum achievable control technology)—The maximum degree of reduction in emissions of the hazardous air pollutants listed in subsection (3)(C) of this rule (including a prohibition on these emissions where achievable), taking into consideration the cost of achieving emissions reductions and any non-air quality health and environmental impacts and requirements, determines is achievable for new or existing sources in the category or subcategory to which this emission standard applies, through application of measures, processes, methods, systems or techniques including, but not limited to, measures which—
 - A. Reduce the volume of or eliminate emissions of pollutants through process changes, substitution of materials or other modifications;
 - B. Enclose systems or processes to eliminate emissions;
 - C. Collect, capture or treat pollutants when released from a process, stack, storage or fugitive emissions point;
 - D. Are design, equipment, work practice or operational standards (including requirements for operational training or certification); or
 - E. Are a combination of subparagraphs (2)(M)1.A.–D.

2. Magnet wire coating—The process of applying a coating of electrically insulating varnish or enamel to aluminum or copper wire for use in electrical machinery.
3. Major modification—Any physical change or change in the method of operation at an installation or in the attendant air pollution control equipment that would result in a significant net emissions increase of any pollutant. A physical change or a change in the method of operation, unless previously limited by enforceable permit conditions, shall not include:
 - A. Routine maintenance, repair and replacement of parts;
 - B. Use of an alternative fuel or raw material by reason of an order under Sections 2(a) and (b) of the Energy Supply and Environmental Coordination Act of 1974, a prohibition under the Power Plant and Industrial Fuel Use Act of 1978 or by reason of a natural gas curtailment plan pursuant to the Federal Power Act;
 - C. Use of an alternative fuel or raw material, if prior to January 6, 1975, the source was capable of accommodating the fuel or material, unless the change would be prohibited under any enforceable permit condition which was established after January 6, 1975;
 - D. An increase in the hours of operation or in the production rate unless the change would be prohibited under any enforceable permit condition which was established after January 6, 1975; or
 - E. Use of an alternative fuel by reason of an order or rule under Section 125 of the Clean Air Act.
4. Malfunction—A sudden and unavoidable failure of air pollution control equipment or process equipment or of a process to operate in a normal and usual manner. Excess emissions caused by improper design shall not be deemed a malfunction.
5. Management planner—An individual, under AHERA, who devises and writes plans for asbestos abatement.
6. Manure storage and application systems—Any system that includes but is not limited to lagoons, manure treatment cells, earthen storage ponds, manure storage tanks, manure stockpiles, composting areas, pits and gutters within barns, litter used in bedding systems, all types of land application equipment, and all pipes, hoses, pumps and other equipment used to transfer manure.
7. Maskant—A coating applied directly to an aerospace component to protect those areas when etching other parts of the component.
8. Metal furniture coating—The surface coating of any furniture made of metal or any metal part which will be assembled with other metal, wood, fabric, plastic or glass parts to form a furniture piece.
9. Model year—The annual production period of new motor vehicles designated by the calendar year in which the period ends, provided that if the manufacturer does not so designate vehicles manufactured by him/her,

- the model year with respect to the vehicles shall mean the twelve (12)-month period beginning January 1 of the year specified in this rule.
10. Modification—Any physical change, or change in method of operation of, a source operation or attendant air pollution control equipment which would cause an increase in potential emissions of any air pollutant emitted by the source operation.
 11. Modification, Title I—See Title I modification.
 12. Motor tricycle—A motor vehicle operated on three (3) wheels, including a motorcycle with any conveyance, temporary or otherwise, requiring the use of a third wheel.
 13. Motor vehicle—Any self-propelled vehicle.
 14. Motorcycle—A motor vehicle operated on two (2) wheels.
 15. Multiple chamber incinerator—Any incinerator consisting of two (2) or more refractory lined combustion furnaces in series, physically separated by refractory walls, interconnected by gas passage ports or ducts and employing adequate design parameters necessary for maximum combustion of the material to be burned, the refractories having a Pyrometric Cone Equivalent of 31, tested according to the method described in the ASTM Method C-24-56 or other method approved by the department director.
 16. Multiple fixed-point monitoring—A system for monitoring VOCs where stationary monitors are placed throughout the petroleum refinery which measure atmospheric concentrations of VOCs.

(N) All terms beginning with “N.”

1. Nearby—Nearby as used in the definition GEP stack height in subparagraph (2)(G)2.B. is defined for a specific structure or terrain feature—
 - A. For purposes of applying the formula provided in subparagraph (2)(G)3.B., nearby means that distance up to five (5) times the lesser of the height or the width dimension of a structure, but not greater than one-half (1/2) mile; and
 - B. For conducting fluid modeling or field study demonstrations under subparagraph (2)(G)3.C., nearby means not greater than one-half (1/2) mile, except that the portion of a terrain feature may be considered to be nearby which falls within a distance of up to ten (10) times the maximum height of the feature, not to exceed two (2) miles if feature achieves a height one-half (1/2) mile from the stack that is at least forty percent (40%) of the GEP stack height determined by the formula provided in subparagraph (2)(G)3.B. or twenty-six meters (26 m), whichever is greater, as measured from the ground level elevation at the base of the stack. The height of the structure or terrain feature is measured from the ground level elevation at the base of the stack.
2. Net emissions increase—This term is defined in 40 CFR 51.166(b)(3) ~~and is~~ **promulgated as of June 19, 1978 and here-by** incorporated by reference **in this rule, as published by the Office of the Federal**

Register, U.S. National Archives and Records, 700 Pennsylvania Avenue NW, Washington, D.C. 20408. This rule does not incorporate any subsequent amendments or additions.

3. New tepee burner—One not in existence as of September 18, 1970.
4. NIOSH—National Institute of Occupational Safety and Health.
5. Nonattainment area—Those geographic areas in Missouri that have officially been designated by the U.S. Environmental Protection Agency in 40 CFR part 81 as nonattainment areas.

(O) All terms beginning with “O.”

1. Offset—A decrease in actual emissions from a source operation or installation that is greater than the amount of emissions anticipated from a modification or construction of a source operation or installation. The decrease must be of the same pollutant and have substantially similar environmental and health effects on the impacted area. Any ratio of decrease to increase greater than one to one (1:1) constitutes offset. The exception to this are ozone nonattainment areas where VOC and NO_x emissions will require an offset ratio of actual emission reduction to new emissions according to the following schedule: marginal area = 1.1:1; moderate area = 1.15:1; serious area = 1.2:1; severe area = 1.3:1; and extreme area = 1.5:1.
2. Offtake—Any set of piping (for example, standpipes, goosenecks) that interconnects a coke oven with a collecting main which is common to all systems. The offtake system extends from the connection on top of the coke oven to the connection on the collecting main.
3. Opacity—The extent to which airborne material obstructs the transmission of incident light and obscures the visual background. Opacity is stated as a percentage of light obstructed and can be measured by a continuous opacity monitoring system or a trained observer. An opacity of one hundred percent (100%) represents a condition in which no light is transmitted, and the background is completely obscured.
4. Open burning—The burning of any materials where air contaminants resulting from combustion are emitted directly into the ambient air without passing through a stack or chimney from an enclosed chamber. For purposes of this definition, a chamber shall be regarded as enclosed, when, during the time combustion takes place, only those apertures, ducts, stacks, flues or chimneys as are necessary to provide combustion air and to permit the escape of exhaust gases are open.
5. Open-top vapor degreaser—A type of degreaser which consists of a tank where solvent is heated to its boiling point which creates a zone of solvent vapor contained by a set of cooling coils. Condensation of the hot solvent vapor cleans or degreases the colder metal parts.
6. Outside air—Air outside the containment area.
7. Owner or operator—Any person who owns, leases, operates, controls or supervises an air contaminant source.

(P) All terms beginning with “P.”

1. Pail—Any nominal cylindrical container of one to twelve (1–12) gallon capacity.
2. Paint—A pigmented surface coating using VOCs as the major solvent and thinner which converts to a relatively opaque solid film after application as a thin layer.
3. Part 70—U.S. Environmental Protection Agency regulations, codified at 40 CFR part 70, setting forth requirements for state operating permit programs pursuant to Title V of the Act.
4. Particulate matter—Any material, except uncombined water, that exists in a finely divided form as a liquid or solid at standard conditions and as specifically defined as follows:
 - A. PM—any airborne, finely divided solid or liquid material with an aerodynamic diameter smaller than one hundred (100) micrometers as measured in stacks **as specified by [EPA]40 CFR part 60, Appendix A—Test Methods, [Method 5]Method 5 — *Determination of Particulate Matter Emissions From Stationary Sources*, or sampled in the ambient air as specified in 10 CSR 10-6.040(4)(B); [and]**
 - B. PM₁₀—particulate matter with an aerodynamic diameter less than or equal to a nominal ten (10) micrometers as measured in stacks by EPA Methods 201/201A and 202; or sampled in the ambient air as specified in 10 CSR 10-6.040(4)(J)[~~7~~]; **and**
 - C. **PM_{2.5}—particulate matter with an aerodynamic diameter less than or equal to a nominal two and one-half (2.5) micrometers as measured in stacks as specified by 40 CFR part 51, Appendix M—Test Methods, Methods 201/201A and for reference EPA Conditional Test Methods, *Conditional Test Method 040—Method For The Determination Of PM₁₀ and PM_{2.5} Emissions (Constant Sampling Rate Procedures-December 3, 2002)* or sampled in the ambient air and specified in 10 CSR 10-6.040(4)(L).**
5. Permanent shutdown—The permanent cessation of operation of any air pollution control equipment or process equipment, not to be placed back into service or have a start-up.
6. Permitting authority—Either the administrator or the state air pollution control agency, local agency or other agency authorized by the administrator to carry out a permit program as intended by the Act.
7. Person—Any individual, partnership, association, corporation including the parent company of a wholly-owned subsidiary, municipality, subdivision or agency of the state, trust, estate or other legal entity either public or private. This shall include any legal successor, employee or agent of the previous entities.
8. Petroleum liquid—Petroleum, condensate and any finished or intermediate products manufactured in a petroleum refinery with the exception of Numbers 2–6 fuel oils as specified in ASTM D(396-69), gas turbine fuel

oils Number 2-GT—4-GT, as specified in ASTM D(2880-71), and diesel fuel oils Number 2-D and 4-D, as specified in ASTM D(975-68).

9. Petroleum refinery—Any facility which produces gasoline, kerosene, distillate fuel oils, residual fuel oils, lubricants or other products through distillation, cracking, extraction or reforming of unfinished petroleum derivatives.
10. Pharmaceutical—Any compound or preparation included under the Standard Industrial Classification Codes 2833 (Medicinal Chemicals and Botanical Products) and 2834 (Pharmaceutical Preparations), excluding products formulated by fermentation, extraction from vegetable material or animal tissue or formulation and packaging of the final product.
11. Pilot plants—The installations which are of new type or design which will serve as a trial unit for experimentation or testing.
12. Plant-mix—A mixture produced in an asphalt mixing plant that consists of mineral aggregate uniformly coated with asphalt cement, cutback asphalt or emulsified asphalt.
13. Pollutant—An air contaminant listed in 10 CSR 10-6.020(3)(A), Table 1 without regard to levels of emission or air quality impact.
14. Polyethylene bag sealing operation—Any operation or facility engaged in the sealing of polyethylene bags, usually by the use of heat.
15. Polystyrene resin—The product of any styrene polymerization process, usually involving heat.
16. Portable equipment—Any equipment that is designed and maintained to be movable, primarily for use in noncontinuous operations. Portable equipment includes rock crushers, asphaltic concrete plants and concrete batching plants.
17. Portable equipment installation—An installation made up solely of portable equipment, meeting the requirements of or having been permitted according to 10 CSR 10-6.060(4).
18. Positive crankcase ventilation system—Any system or device which prevents the escape of crankcase emissions to the ambient air.
19. Potential to emit—The emission rates of any pollutant at maximum design capacity. Annual potential shall be based on the maximum annual-rated capacity of the installation assuming continuous year-round operation. Federally enforceable permit conditions on the type of materials combusted or processed, operating rates, hours of operation or the application of air pollution control equipment shall be used in determining the annual potential. Secondary emissions do not count in determining annual potential.
20. Potroom—A building unit which houses a group of electrolytic cells in which aluminum is produced.
21. Potroom group—An uncontrolled potroom, a potroom which is controlled individually or a group of potrooms or potroom segments ducted to a common or similar control system.
22. Primary aluminum reduction installation—Any facility manufacturing aluminum by electrolytic reduction of alumina.

23. Primer—The first surface coating applied to the surface.
24. Primer-surfacer—The surface coatings applied over the primer and beneath the topcoat.
25. Process weight—The total weight of all materials introduced into a source operation including solid fuels, but excluding liquids and gases used solely as fuels and excluding air introduced for purposes of combustion.
26. Production equipment exhaust system—A device for collecting and directing out of the work area fugitive emissions from reactor openings, centrifuge openings and other vessel openings and equipment for the purpose of protecting workers from excessive exposure.
27. Publication rotogravure printing—Rotogravure printing upon paper which is subsequently formed into books, magazines, catalogues, brochures, directories, newspaper supplements and other types of printed materials.
28. Pushing operation—The process of removing coke from the coke oven. The coke pushing operation begins when the coke-side oven door is removed and is completed when the hot car enters the quench tower and the coke-side oven door is replaced.

(Q) All terms beginning with “Q.”

(R) All terms beginning with “R.”

1. Reactor—A vat or vessel, which may be jacketed to permit temperature control, designed to contain chemical reactions.
2. Reconstruction—Where the fixed capital cost of the new components exceeds fifty percent (50%) of the fixed capital cost of a comparable entirely new source of operation or installation; the use of an alternative fuel or raw material by reason of an order in effect under Sections 2(a) and (b) of the Energy Supply and Environmental Coordination Act of 1974, by reason of a natural gas curtailment plan in effect pursuant to the Federal Power Act, or by reason of an order or rule under Section 125 of the Clean Air Act, shall not be considered reconstruction. In determining whether a reconstruction will occur, the provisions of 40 CFR 60.15, December 1, 1979, shall be considered by the director.
3. Refinery fuel gas—Any gas which is generated by a petroleum refinery process unit and which is combusted including any gaseous mixture of natural gas and fuel gas.
4. Refuse—The garbage, rubbish, trade wastes, leaves, salvageable material, agricultural wastes or other wastes.
5. Regulated air pollutant—All air pollutants or precursors for which any standard has been promulgated.
6. Regulated asbestos-containing material (RACM)—Friable asbestos material; category I nonfriable asbestos-containing material (ACM) that has become friable; category I nonfriable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading, or category II nonfriable ACM that has a high probability of becoming or has become crumbled, pulverized or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations regulated by this rule.

7. Regulated pollutant—Any regulated air pollutant except carbon monoxide and pollutants regulated exclusively under section 112(r) or Title VI of the Act.
8. Reid vapor pressure (RVP)—The absolute vapor pressure of a petroleum liquid as determined by “Tests for Determining Reid Vapor Pressure (RVP) of Gasoline and Gasoline-Oxygenate Blends” 40 CFR part 80, Appendix E as in effect July 1, 1990.
9. Renewal—The process by which an operating permit is reissued at the end of its term.
10. Repair—The restoration of asbestos material that has been damaged. Repair consists of the application of rewettable glass cloth, canvas, cement or other suitable material. It may also involve filling damaged areas with nonasbestos substitutes and reencapsulating or painting previously encapsulated materials.
11. Residual fuel oil—The fuel oil variously known as Bunker C, PS 400 and Number 6 as defined in ASTM D(396-487) (1959).
12. Responsible official—Includes one (1) of the following:
 - A. The president, secretary, treasurer or vice-president of a corporation in charge of a principal business function, any other person who performs similar policy and decision-making functions for the corporation or a duly authorized representative of this person if the representative is responsible for the overall operation of one (1) or more manufacturing, production or operating facilities applying for or subject to a permit and either—
 - (I) The facilities employ more than two hundred and fifty (250) persons or have a gross annual sales or expenditures exceeding twenty-five (25) million dollars (in second quarter 1980 dollars); or
 - (II) The delegation of authority to this representative is approved in advance by the permitting authority;
 - B. A general partner in a partnership or the proprietor in a sole proprietorship;
 - C. Either a principal executive officer or ranking elected official in a municipality, state, federal or other public agency. For the purpose of this ~~[part]~~**subparagraph**, a principal executive officer of a federal agency includes the chief executive officer having responsibility for the overall operations of a principal geographic unit of the agency; or
 - D. The designated representative of an affected source insofar as actions, standards, requirements or prohibitions under Title IV of the Act or the regulations promulgated under the Act are concerned and the designated representative for any other purposes under part 70.
13. Retail outlet—Any establishment where gasoline is sold, offered for sale or used as a motor vehicle fuel.

14. Road-mix—An asphalt course produced by mixing mineral aggregate and cutback or emulsified asphalt at the road site by means of travel plants, motor graders, drags or special road-mixing equipment.
15. Roll printing—The application of words, designs and pictures to a substrate usually by means of a series of hard rubber or steel rolls each with only partial coverage.
16. Roller spreader—The device used for the application of a coating material to a substrate by means of hard rubber or steel rolls.
17. Rotogravure printing—The application of words, designs and pictures to a substrate by means of a roll printing technique which involves an intaglio or recessed image areas in the form of cells.

(S) All terms beginning with “S.”

1. Salvage operation—Any business, trade, industry or other activity conducted in whole or in part for the purpose of salvaging or reclaiming any product or material.
2. Sealing material—A liquid substance that does not contain asbestos which is used to cover a surface that has previously been coated with a friable asbestos-containing material for the intended purpose of preventing any asbestos fibers remaining on the surface from being disbursed into the air. This substance shall be distinguishable from the surface to which it is applied.
3. Secondary emissions—The emissions which occur or would occur as a result of the construction or operation of an installation or major modification but do not come from the installation or major modification itself. Secondary emissions must be specific, well-defined, quantifiable and impact the same general area as the installation or modification which causes the secondary emissions. Secondary emissions may include, but are not limited to:
 - A. Emissions from trucks, ships or trains coming to or from the installation or modification; and
 - B. Emissions from any off-site support source which would not be constructed or increase its emissions except as a result of the construction or operation of the major stationary source or major modification.
4. Section 502(b)(10) changes—Changes that contravene an express permit term. These changes do not include those that would violate applicable requirements or contravene federally-enforceable permit terms and conditions that are monitoring (including test methods), record keeping, reporting or compliance certification requirements.
5. Sheet basecoat—The roll coated primary interior surface coating applied to surfaces for the basic protection of buffering filling material from the metal can surface.
6. Shower room—A room between the clean room and the equipment room in the worker decontamination enclosure. This room shall be equipped with running hot and cold water that is suitably arranged for complete showering during decontamination.

7. Shutdown—The cessation of operation of any air pollution control equipment or process equipment, excepting the routine phasing out of process equipment.
8. Shutdown, permanent—See permanent shutdown.
9. Side seam coating (three (3)-piece)—A can surface coating to seal the connecting edge of a formed metal sheet in the manufacture of a three (3)-piece can.
10. Significant—A net emissions increase or potential to emit at a rate equal to or exceeding the *de minimis* levels or create an ambient air concentration at a level greater than those listed in 10 CSR 10-6.060(11)(D) Table 4, or any emissions rate or any net emissions increase associated with an installation subject to 10 CSR 10-6.060 which would be constructed within ten kilometers (10 km) of a Class I area and have an air quality impact on the area equal to or greater than one microgram per cubic meter [~~(1 $\mu\text{g}/\text{m}^3$)~~](1 $\mu\text{g}/\text{m}^3$) (twenty-four (24)-hour average). For purposes of new source review under 10 CSR 10-6.060 sections (7) and (8), net emission increases of hazardous air pollutants exceeding the *de minimis* levels are considered significant only if they are also criteria pollutants.
11. Smoke—Small gas-borne particles resulting from combustion, consisting of carbon, ash and other material.
12. Solvent—Organic materials which are liquid at standard conditions and which are used as dissolves, viscosity reducers or cleaning agents.
13. Solvent metal cleaning—The process of cleaning soils from metal surfaces by cold cleaning or open-top vapor degreasing or conveyORIZED degreasing.
14. Solvent volatility—Reid vapor pressure.
15. Source gas volume—The volume of gas arising from a process or other source operation.
16. Source operation—See emission unit.
17. Springfield-Greene County area—The geographical area contained within Greene County.
18. St. Louis metropolitan area—The geographical area comprised of St. Louis, St. Charles, Jefferson and Franklin Counties and the City of St. Louis.
19. Stack—Any spatial point in an installation designed to emit air contaminants into ambient air. An accidental opening such as a crack, fissure, or hole is a source of fugitive emissions, not a stack.
20. Stack in existence—The owner or operator had—1) begun, or caused to begin, a continuous program of physical on-site construction of the stack; or 2) entered into binding agreements or contractual operations, which could not be cancelled or modified without substantial loss to the owner or operator, to undertake a program of construction of the stack to be completed in a reasonable time.
21. Staff director—Director of the Air Pollution Control Program of the Department of Natural Resources.

22. Standard conditions—A gas temperature of seventy degrees Fahrenheit (70°F) and a gas pressure of 14.7 pounds per square inch absolute (psia).
23. Start-up—The setting into operation of any air pollution control equipment or process equipment, except the routine phasing in of process equipment.
24. State—Any nonfederal permitting authority, including any local agency, interstate association or statewide program. When clear from its context, state shall have its conventional territorial definition.
25. State implementation plan—A series of plans adopted by the commission, submitted by the director, and approved by the administrator, detailing methods and procedures to be used in attaining and maintaining the ambient air quality standards in Missouri.
26. Storage tank—Any tank, reservoir or vessel which is a container for liquids or gases, where no manufacturing process or part of it, takes place.
27. Structural item—Roofs, walls, ceilings, floors, structural supports, pipes, ducts, fittings and fixtures that have been installed as an integral part of any structure.
28. Submerged fill pipe—Any fill pipe the discharge opening of which is entirely submerged when the liquid level is six inches (6") above the bottom of the tank. Submerged fill pipe when applied to a tank which is loaded from the side is defined as any fill pipe, the discharge opening of which is entirely submerged when the liquid level is eighteen inches (18") or twice the diameter of the fill pipe, whichever is greater, above the bottom of the tank.
29. Synthesized pharmaceutical manufacturing—Manufacture of pharmaceutical products by chemical synthesis.

(T) All terms beginning with "T."

1. Temporary installation—An installation which operates or emits pollutants less than two (2) years.
2. Third-party air monitoring—Air monitoring conducted in accordance with Chapter 643, RSMo and 10 CSR 10-6.240 and 10 CSR 10-6.250 by a person who is not under the direct control of the person carrying out the asbestos abatement project and who has been selected by the owner or operator of the property on which the project is conducted.
3. Title I modification—Any modification that requires a permit under 10 CSR 10-6.060 section (7) or (8), or that is subject to any requirement under 10 CSR 10-6.070 or 10 CSR 10-6.080.
4. Topcoat—The surface coatings applied for the purpose of establishing the color or protective surface, or both, including groundcoat and paint sealer materials, base coat and clear coat.
5. Total fluoride—The elemental fluorine and all fluoride compounds as measured by reference methods specified in 10 CSR 10-6.030(12) or equivalent or alternative methods.
6. Trade waste—The solid, liquid or gaseous material resulting from construction or the prosecution of any business, trade or industry or any

- demolition operation including, but not limited to, plastics, cardboard cartons, grease, oil, chemicals or cinders.
7. Transfer efficiency (TE)—Ratio of the amount of coating solids transferred onto a product to the total of coating solids used. In any surface coating operation, TE is the ratio of solids in a coating that adhere on a target surface to the total solids used in the process for coating the target surface.
 8. True vapor pressure—The equilibrium partial pressure exerted by a petroleum liquid as determined in American Petroleum Institute Bulletin 2517, *Evaporation Loss from Floating Roof Tanks*, 1962.
- (U) All terms beginning with “U.”
1. Uncombined water—The visible condensed water which is not bound, physically or chemically, to any air contaminant.
 2. Unit—A fossil fuel-fired combustion device.
 3. Unit turnaround—The procedure of shutting a refinery process unit down to do necessary maintenance and repair work and putting the unit back on stream.
 4. Unit walk through monitoring—The system for monitoring volatile organic hydrocarbons which utilizes a portable hydrocarbon monitor to measure ambient hydrocarbon levels in the areas of all process equipment.
- (V) All terms beginning with “V.”
1. Vacuum producing system—Any reciprocating, rotary or centrifugal blower or compressor or any jet ejector device that takes suction from a pressure below atmospheric on a system containing volatile hydrocarbons.
 2. Vapor recovery system—A vapor gathering system capable of collecting the hydrocarbon vapors and gases discharged and a vapor disposal system capable of processing the hydrocarbon vapors and gases so as to limit their emission to the atmosphere.
 3. Vapor-mounted seal—A primary seal mounted so there is an annular vapor space underneath the seal. The annular vapor space is bounded by the bottom of the primary seal, the tank wall, the liquid surface and the floating roof.
 4. Vapor tight—When applied to a delivery vessel or vapor recovery system as one that sustains a pressure change of no more than seven hundred fifty (750) pascals (three inches (3") of H₂O) in five (5) minutes when pressurized to a gauge pressure of four thousand five hundred (4,500) pascals (eighteen inches (18") of H₂O) or evacuated to a gauge pressure of one thousand five hundred (1,500) pascals (six inches (6") of H₂O).
 5. Varnish—An unpigmented surface coating containing VOC and composed of resins, oils, thinners and driers used to give a glossy surface to wood, metal, etc.
 6. Vehicle—Any mechanical device on wheels, designed primarily for use on streets, roads or highways, except those propelled or drawn by human or animal power or those used exclusively on fixed rails or tracks.
 7. Vinyl coating—The application of a decorative or protective topcoat, or printing or vinyl coated fabric or vinyl sheet.

8. Visible emission—Any discharge of an air contaminant, including condensibles, which reduces the transmission of light or obscures the view of an object in the background.
9. Volatile organic compounds (VOC)—For all areas in Missouri VOC means any compound of carbon, excluding carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or carbonates, and ammonium carbonate, that participates in atmospheric photochemical reactions to produce ozone. ~~[The following compounds will not be considered VOCs because of their known lack of participation in the atmospheric reactions to produce ozone:]~~

A. The following compounds are not considered VOCs because of their known lack of participation in the atmospheric reactions to produce ozone:

CAS #	[Hazardous Air Pollutant] Compound
138495428	1,1,1,2,3,4,4,5,5,5-decafluoropentane (HFC 43-10mee)
431890	1,1,1,2,3,3,3-heptafluoropropane (HFC 227ea)
375031	1,1,1,2,2,3,3-heptafluoro-3-methoxy-propane (HFE-7000)
690391	1,1,1,3,3,3-hexafluoropropane (HFC-236fa)
679867	1,1,2,2,3-pentafluoropropane (HFC-245ca)
24270664	1,1,2,3,3-pentafluoropropane (HFC-245ea)
431312	1,1,1,2,3-pentafluoropropane (HFC-245eb)
460731	1,1,1,3,3-pentafluoropropane (HFC-245fa)
431630	1,1,1,2,3,3-hexafluoropropane (HFC-236ea)
406586	1,1,1,3,3-pentafluorobutane (HFC-365mfc)
422560	3,3-dichloro-1,1,1,2,2-pentafluoropropane (HCFC-225ca)
507551	1,3-dichloro-1,1,2,2,3-pentafluoropropane HCFC-5cb)
354234	1,2-dichloro-1,1,2-trifluoroethane (HCFC-123a)
1615754	1-chloro-1-fluoroethane (HCFC-151a)
163702076	1,1,1,2,2,3,3,4,4-nonafluoro-4-methoxybutane

	(C ₄ F ₉ OCH ₃)
163702087	2-(difluoromethoxymethyl)- 1,1,1,2,3,3,3-heptafluoropropane (CF ₃) ₂ CFCF ₂ OCH ₃)
163702054	1-ethoxy-1,1,2,2,3,3,4,4,4-nonafluorobutane (C ₄ F ₉ OC ₂ H ₅)
163702065	2-(ethoxydifluoromethyl)- 1,1,1,2,3,3,3-heptafluoropropane ((CF ₃) ₂ CFCF ₂ OC ₂ H ₅)
297730939	3-ethoxy-1,1,1,2,3,4,4,5,5,6,6,6-dodecafluoro-2-trifluoromethyl-hexane (HFE-7500, HFE-s702, T-7145, and L-15381)
71556	1,1,1-trichloroethane (methyl chloroform)
67641	acetone
25497294	chlorodifluoroethane (HCFC-142b)
75456	chlorodifluoromethane (HCFC-22)
593704	chlorofluoromethane (HCFC-31)
76153	chloropentafluoroethane (CFC-115)
63938103	chlorotetrafluoroethane (HCFC-124)
75718	dichlorodifluoromethane (CFC-12)
1717006	dichlorofluoroethane (HCFC-141b)
1320372	dichlorotetrafluoroethane (CFC-114)
34077877	dichlorotrifluoroethane (HCFC-123)
75376	difluoroethane (HFC-152a)
75105	difluoromethane (HFC-32)
74840	ethane
353366	ethylfluoride (HFC-161)
74828	methane
79209	methyl acetate
107313	methyl formate;
75092	methylene chloride dichloromethane)
98566	parachlorobenzotrifluoride (PCBTF)

354336	pentafluoroethane (HFC-125)
127184	perchloroethylene
359353	tetrafluoroethane (HFC-134)
811972	tetrafluoroethane (HFC-134a)
75694	trichlorofluoromethane (CFC-11)
26523648	trichlorotrifluoroethane (CFC-113)
306832	trifluorodichloroethane (HCFC-123)
27987060	trifluoroethane (HFC-143a)
75467	trifluoromethane (HFC-23)
0	cyclic, branched or linear, completely fluorinated alkanes
0	cyclic, branched or linear, completely fluorinated ethers with no unsaturations
0	cyclic, branched or linear, completely methylated siloxanes
0	cyclic, branched or linear, completely fluorinated tertiary amines with no unsaturations
0	sulfur-containing perfluorocarbons with no unsaturations and with sulfur bonds only to carbon and fluorines

VOC may be measured by a reference method, an equivalent method, an alternative method or by procedures specified in either 10 CSR 10-6.030 or 40 CFR 60. These methods and procedures may measure nonreactive compounds so an owner or operator must exclude these nonreactive compounds when determining compliance.

- B. The following compound(s) are considered VOC for purposes of all recordkeeping, emissions reporting, photochemical dispersion modeling and inventory requirements which apply to VOC and shall be uniquely identified in emission reports, but are not VOC for purposes of VOC emissions limitations or VOC content requirements.**

CAS #	Compound
540885	t-butyl acetate

(W) All terms beginning with "W."

1. Waste generator—The business entity that is directly responsible for the supervision of activities that result in the accumulation of friable asbestos-containing waste materials.
2. Wastewater (oil/water) separator—Any device which constitutes a primary treatment step for separation of free oil from oily waste waters, such as an American Petroleum Institute (API) oil/water separator, and the like, prior to further treatment of the waste water.
3. Waxy, heavy pour crude oil—A crude oil with a pour point of fifty degrees Fahrenheit (50°F) or higher as determined by the ASTM Standard D(97-66), *Test for Pour Point of Petroleum Oils*.
4. Water base paint—A pigmented surface coating using water as a thinner and with the binder an oil-resin combination or a latex.
5. Wet cleaning—The process of using water or other liquid and a wet brush, mop, cloth, sponge or similar wet cleaning device to completely remove any residue of asbestos-containing materials from surfaces on which they may be located. This definition does not include the use of a wet vacuum cleaner.
6. Wetting agent—Any chemical that is added to water to decrease its surface tension and allow it to spread more easily over or penetrate into friable asbestos-containing materials.
7. Work area—A specific room or physically isolated portion of a room, other than the space enclosed within a glove bag, in which friable asbestos-containing material is required to be handled in accordance with 10 CSR 10-6.240. The area is designated as a work area from the time that the room, or portion of it, is secured and access restrictions are in place. The area remains designated as a work area until the time that it has been cleaned in accordance with any requirements applicable to these operations.

- (X) All terms beginning with “X.”
 (Y) All terms beginning with “Y.”
 (Z) All terms beginning with “Z.”

(3) **General Provisions.** Common [R]reference [T]ables **are provided in this section of the rule.**

(A) Table 1—*De Minimis* Emission Levels.

Air Contaminant	Emission Rate
Carbon monoxide	100.0
Nitrogen dioxide	40.0
Particulate Matter	
PM	25.0
PM ₁₀	15.0
Sulfur dioxide	40.0
Ozone (to be measured as VOC)	40.0
Lead	0.6
Mercury	0.1

Beryllium	0.0004
Asbestos	0.007
Fluorides	3.0
Sulfur acid mist	7.0
Vinyl chloride	1.0
Hydrogen sulfide	10.0
Total reduced sulfur (including hydrogen sulfide)	10.0
Reduced Sulfur Compounds (including hydrogen sulfide)	10.0
Municipal waste combustor organics (measured as total tetra-through octa-chlorinated dibenzo- p-dioxins and dibenzofurans)	3.5×10^{-6}
Municipal waste combustor metals (measured as particulate matter)	15.0
Municipal waste combustor acid gases (measured as sulfur dioxide and hydrogen chloride)	40.0
Municipal solid waste landfill emissions (measured as nonmethane organic compounds)	50.0
Hazardous Air Pollutant (each)	10.0
Sum of Hazardous Air Pollutants	25.0

Note: All rates in tons per year.

(B) Table 2—List of Named Installations.

Named Installations

1. Coal cleaning plants (with thermal dryers);
2. Kraft pulp mills;
3. Portland cement plants;
4. Primary zinc smelters;
5. Iron and steel mills;
6. Primary aluminum ore reduction plants;
7. Primary copper smelters;
8. Municipal incinerators capable of charging more than 250 tons of refuse per day;
9. Hydrofluoric, sulfuric or nitric acid

- plants;
10. Petroleum refineries;
 11. Lime plants;
 12. Phosphate rock processing plants;
 13. Coke oven batteries;
 14. Sulfur recovery plants;
 15. Carbon black plants (furnace process);
 16. Primary lead smelters;
 17. Fuel conversion plants;
 18. Sintering plants;
 19. Secondary metal production plants;
 20. Chemical process plants;
 21. Fossil-fuel boilers (or combination thereof) totaling more than 250 million British thermal units per hour heat input;
 22. Petroleum storage and transfer facilities with a capacity exceeding three hundred thousand (300,000) barrels;
 23. Taconite ore processing facilities;
 24. Glass fiber processing plants;
 25. Charcoal production facilities;
 26. Fossil-fuel-fired steam electric plants of more than 250 million British thermal units per hour heat;
 27. Any other stationary source category which, as of August 7, 1980, is being regulated under section 111 or 112 of the Act.

(C) Table 3—Hazardous Air Pollutants.

CAS #	Hazardous Air Pollutant
75070	Acetaldehyde
60355	Acetamide
75058	Acetonitrile
98862	Acetophenone
53963	2-Acetylaminofluorene
107028	Acrolein
79061	Acrylamide
79107	Acrylic acid
107131	Acrylonitrile
107051	Allyl chloride
92671	4-Aminobiphenyl
62533	Aniline

90040	o-Anisidine
1332214	Asbestos
71432	Benzene (including from gasoline)
92875	Benzidine
50328	Benzo(a)pyrene
98077	Benzotrichloride
100447	Benzyl chloride
192524	Biphenyl
117817	Bis(2-ethylhexyl)phthalate (DEHP)
542881	Bis(chloromethyl)ether
75252	Bromoform
106990	1,3-Butadiene
156627	Calcium cyanamide
133062	Captan
63252	Carbaryl
75150	Carbon disulfide
56235	Carbon tetrachloride
463581	Carbonyl sulfide
120809	Catechol
133904	Chloramben
57749	Chlordane
7782505	Chlorine
79118	Chloroacetic acid
532274	2-Chloroacetophenone
108907	Chlorobenzene
510156	Chlorobenzilate
67663	Chloroform
107302	Chloromethyl [ethyl] methyl ether
126998	Chloroprene
1319773	Cresols/Cresylic acid (isomers and mixture)
108394	m-Cresol
95487	o-Cresol
106445	p-Cresol
98828	Cumene
94757	2, [3] 4 -D, salts and esters
3547044	DDE
334883	Diazomethane
132649	Dibenzofurans
96128	1,2-Dibromo-3-chloropropane
84742	Dibutylphthalate
106467	1,4-Dichlorobenzene(p)
91941	3,3-Dichlorobenzidine

111444	Dichloroethyl ether (Bis(2-chloroethyl)ether)
542756	1,3-Dichloropropene
62737	Dichlorvos
111422	Diethanolamine
121697	[N,N-Diethyl aniline] [ϵ]N,N-Dimethylaniline[γ]
64675	Diethyl sulfate
119904	3,3-Dimethoxybenzidine
60117	Dimethyl aminoazoben- zene
119937	3,3-Dimethyl benzidine
79447	Dimethyl carbamoyl chlo- ride
68122	Dimethyl formamide
57147	1,1-Dimethyl hydrazine
131113	Dimethyl phthalate
77781	Dimethyl sulfate
534521	4,6-Dinitro-o-cresol and salts
51285	2,4-Dinitrophenol
121142	2,4-Dinitrotoluene
123911	1,4-Dioxane (1,4- Diethyleneoxide)
122667	1,2-Diphenylhydrazine
106898	Epichlorohydrin (1- Chloro-2,3-epoxy- propane)
106887	1,2-Epoxybutane
140885	Ethyl acrylate
100414	Ethyl benzene
51796	Ethyl carbamate (Urethane)
75003	Ethyl chloride (Chloro- ethane)
106934	Ethylene dibromide (1,2- [Bibromoethane] Dibromoethane)
107062	Ethylene dichloride (1,2- Dichloroethane)
107211	Ethylene glycol
151564	Ethylene imine (Aziri- dine)
75218	Ethylene oxide
96457	Ethylene thiourea
75343	Ethylidene dichloride (1,1-Dichloroethane)

50000	Formaldehyde
76448	Heptachlor
118741	Hexachlorobenzene
87683	Hexachlorobutadiene
77474	Hexachloro- cyclopentadiene
67721	Hexachloroethane
822060	Hexamethylene-1,6- diisocyanate
680319	Hexamethylpho- sphoramide
110543	Hexane
302012	Hydrazine
7647010	Hydrochloric acid
7664393	Hydrogen fluoride (hydrofluoric acid)
123319	Hydroquinone
78591	Isophorone
58899	Lindane (all isomers)
108316	Maleic anhydride
67561	Methanol
72435	Methoxychlor
74839	Methyl bromide (Bromomethane)
74873	Methyl chloride (Chloromethane)
71556	Methyl chloroform (1,1,1-Trichloro- methane)
78933	Methyl ethyl ketone (2- Butanone)
60344	Methyl hydrazine
74884	Methyl iodide (Iodomethane)
108101	Methyl isobutyl ketone (Hexone)
624839	Methyl isocyanate
80626	Methyl methacrylate
1634044	Methyl tert butyl ether
101144	4,4-Methylene bis(2- chloroaniline)
75092	Methylene chloride (Dichloromethane)
101688	Methylene diphenyl diisocyanate (MDI)
101779	4,4-Methylenedianiline

91203	Naphthalene
12035722	Nickel subsulfide
98953	Nitrobenzene
92933	4-Nitrobiphenyl
100027	4-Nitrophenol
79469	2-Nitropropane
684935	N-Nitroso-N-methylurea
62759	N-Nitrosodimethylamine
59892	N-Nitrosomorpholine
56382	Parathion
82688	Pentachloronitrobenzene (Quintobenzene)
87865	Pentachlorophenol
108952	Phenol
106503	p-Phenylenediamine
75445	Phosgene
7803512	Phosphine
7723140	Phosphorus
85449	Phthalic anhydride
1336363	Polychlorinated biphenyls (Arochlors)
1120714	1,3-Propane sultone
57578	beta-Propiolactone
123386	Propionaldehyde
114261	Propoxur (Baygon)
78875	Propylene dichloride (1,2-Dichloropropane)
75569	Propylene oxide
75558	1,2-Propylenimine (2- Methyl aziridine)
91225	Quinoline
106514	Quinone
100425	Styrene
96093	Styrene oxide
1746016	2,3,7,8-Tetrachloro- dibenzo-p-dioxin
79345	1,1,2,2-Tetrachloro- ethane
127184	Tetrachloroethylene (Perchloroethylene)
7550450	Titanium tetrachloride
108883	Toluene
95807	2,4-Toluene diamine
584849	2,4-Toluene diisocyanate
95534	o-Toluidine
8001352	Toxaphene (Chlorinated

	camphene)
120821	1,2,4-Trichlorobenzene
79005	1,1,2-Trichloromethane
79016	Trichloroethylene
95954	2,4,5-Trichlorophenol
88062	2,4,6-Trichlorophenol
121448	Triethylamine
1582098	Trifluralin
540841	2,2,4-Trimethylpentane
108054	Vinyl acetate
593602	Vinyl bromide (bromoethene)
75014	Vinyl chloride
75354	Vinylidene chloride (1,1-Dichloroethylene)
1330207	Xylenes (isomers and mixture)
108383	m-Xylenes
95476	o-Xylenes
106423	p-Xylenes
0	Antimony compounds
0	Arsenic compounds (inorganic)
0	Beryllium compounds
0	Beryllium salts
0	Cadmium compounds
0	Chromium compounds
0	Cobalt compounds
0	Coke oven emissions
0	Cyanide compounds ¹
0	Glycol ethers ²
0	Lead compounds
0	Manganese compounds
0	Mercury compounds
0	Mineral fibers ³
0	Nickel compounds
0	Nickel refinery dust
0	Polycyclic organic matter ⁴
0	Radionuclides (including radon) ⁵
0	Selenium compounds

Note: For all listings in this table that contain the word compounds and for glycol ethers, the following applies: Unless otherwise specified, these listings are defined as including

any unique chemical substance that contains the named chemical (that is, antimony, arsenic and the like) as part of that chemical's infrastructure.

- ¹ X'CN where X-H' or any other group where a formal dissociation may occur, for example, KCN or Ca(CN)₂.
- ² Includes mono- and diethers of ethylene glycol, diethylene glycol and triethylene glycol R-(OCH₂CH₂)_n-OR' where n[—]=1, 2 or 3; R[—]=Alkyl or aryl groups; R'[—]=R, H or groups which, when removed, yield glycol ethers with the structure R-(OCH₂CH₂)_n-OH. Polymers **and ethylene glycol monobutyl ether** are excluded from the glycol category.
- ³ Includes glass microfibers, glass wool fibers, rock wool fibers and slag wool fibers, each characterized as respirable (fiber diameter less than **three and one-half** (3.5) micrometers) and possessing an aspect ratio (fiber length divided by fiber diameter) greater than or equal to **three** (3), as emitted from production of fiber and fiber products.
- ⁴ Includes organic compounds with more than one (1) benzene ring, and which have a boiling point greater than or equal to one hundred degrees Celsius (100°C).
- ⁵ A type of atom which spontaneously undergoes radioactive decay.

(4) Reporting and Record Keeping (Not Applicable)

(5) Test Methods (Not Applicable)

AUTHORITY: sections 643.050 and 643.055, RSMo 2000. Original rule filed Aug. 16, 1977, effective Feb. 11, 1978. Amended: Filed Feb. 27, 1978, effective Dec. 11, 1978. Amended: Filed Aug. 11, 1978, effective April 12, 1979. Amended: Filed Nov. 14, 1978, effective June 11, 1979. Amended: Filed Dec. 15, 1978, effective June 11, 1979. Amended: Filed March 15, 1979, effective Nov. 11, 1979. Amended: Filed Dec. 10, 1979, effective April 11, 1980. Amended: Filed March 13, 1980, effective Sept. 12, 1980. Amended: Filed Sept. 12, 1980, effective April 11, 1981. Amended: Filed Jan. 14, 1981, effective June 11, 1981. Amended: Filed March 11, 1981, effective Aug. 13, 1981. Amended: Filed Nov. 10, 1981, effective May 13, 1982. Amended: Filed Dec. 10, 1981, effective June 11, 1982. Amended: Filed June 14, 1982, effective Dec. 11, 1982. Amended: Filed Aug. 13, 1982, effective Jan. 13, 1983. Amended: Filed Jan. 12, 1983, effective June 11, 1983. Amended: Filed Oct. 13, 1983, effective March 11, 1984. Amended: Filed Oct. 15, 1984, effective May 11, 1985. Emergency amendment filed Nov. 9, 1984, effective Nov. 19, 1984, expired March 19, 1985. Amended: Filed Jan. 15, 1985, effective May 11, 1985. Amended: Filed July 3, 1985, effective Dec. 12, 1985. Amended: Filed Jan. 6, 1986, effective May 11, 1986. Amended: Filed Feb. 4, 1987, effective May 28, 1987. Amended: Filed April 2, 1987, effective Aug. 27, 1987. Amended: Filed Sept. 1, 1987, effective Dec. 24, 1987. Amended: Filed Jan. 5, 1988, effective April 28, 1988. Amended: Filed March 16, 1988, effective Aug. 25, 1988. Amended: Filed Oct. 4, 1988, effective March 11, 1989. Amended: Filed June 30, 1989, effective Nov. 26, 1989. Amended: Filed Jan. 24, 1990, effective May 24, 1990. Amended: Filed Jan. 3, 1991, effective Aug. 30, 1991. Amended: Filed March 31, 1992, effective Feb. 26, 1993. Amended: Filed Dec. 14, 1992, effective Sept. 9, 1993. Amended: Filed Sept. 2, 1993, effective May 9, 1994. Amended: Filed Dec. 15, 1994, effective Aug. 30, 1995. Amended: Filed Sept. 29, 1995, effective May 30, 1996. Amended: Filed Oct. 3, 1995, effective June 30, 1996. Amended: Filed Aug. 15, 1997, effective April 30, 1998. Amended: Filed July 29, 1998, effective May 30,

1999. Amended: Filed Sept. 22, 1999, effective May 30, 2000. Amended: Filed March 5, 2003, effective Oct. 30, 2003. Amended: Filed July 6, 2005

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

NOTICE OF PUBLIC HEARING AND NOTICE TO SUBMIT COMMENTS: A public hearing on this proposed amendment will begin at 9:00 a.m., September 29, 2005. The public hearing will be held at the Double Tree Hotel, Salon A, 1301 Wyandotte, Kansas City, MO. Opportunity to be heard at the hearing shall be afforded any interested person. Written request to be heard should be submitted at least seven (7) days prior to the hearing to Director, Missouri Department of Natural Resources' Air Pollution Control Program, 1659A East Elm Street, PO Box 176, Jefferson City, MO 65102-0176, (573) 751-4817. Interested persons, whether or not heard, may submit a written statement of their views until 5:00 p.m., October 6, 2005. Written comments shall be sent to Chief, Planning Section, Missouri Department of Natural Resources' Air Pollution Control Program, 1659A East Elm Street, PO Box 176, Jefferson City, MO 65102-0176.

**PUBLIC HEARING ON
PROPOSED AMENDMENT TO**

10 CSR 10-6.030

SAMPLING METHODS FOR AIR POLLUTION SOURCES

This amendment proposes to amend subsection (5)(E), add new subsections (5)(F) and (5)(G) and amend sections (13) and (20).

Subsection (5)(E) is being amended to clarify sampling methods for condensable particulate matter.

New subsections (5)(F) and (G) are being added for the new PM_{2.5} Test Methods.

Section (13) is being amended for a minor typographical correction.

Section (20) is being amended to standardize rule text.

NOTE 1 - Legend for rule actions to be presented at public hearing is as follows:

- * Shaded Text - Rule sections or subsections not proposed for amendment. This text is only for reference.*
- * Unshaded Text - Rule sections or subsections that are proposed for change.*

NOTE 2 - All unshaded text below this line is printed in the Missouri Register.

**Title 10 - DEPARTMENT OF
NATURAL RESOURCES**

Division 10 - Air Conservation Commission

**Chapter 6 – Air Quality Standards, Definitions, Sampling and Reference Methods
and Air Pollution Control Regulations for the Entire State of Missouri**

PROPOSED AMENDMENT

10 CSR 10-6.030 Sampling Methods for Air Pollution Sources. The commission proposes to amend subsections (5)(E)–(5)(G) and sections (13) and (20). If the commission adopts this rule action, it will be submitted to the U.S. Environmental Protection Agency to replace the current rule in the Missouri State Implementation Plan. The evidence supporting the need for this proposed rulemaking is available for viewing at the Missouri Department of Natural Resources' Air Pollution Control Program at the address and phone number listed in the Notice of Public Hearing at the end of this rule.

More information concerning this rulemaking can be found at the Missouri Department of Natural Resources' Environmental Regulatory Agenda website, www.dnr.mo.gov/regs/regagenda.htm.

*PURPOSE: This rule defines methods for performing emissions sampling on air pollution sources throughout Missouri, only as specified by the Air Conservation Commission emission rules. This amendment updates an adopted approved federal reference method and adds adopted approved Federal reference methods for the new Particulate Matter 2.5 (PM_{2.5}) Ambient Air Quality Standards finalized on July 18, 1997 and mandated under the Clean Air Act. These reference methods are for performing emissions sampling necessary for the enforcement of air pollution control regulations throughout Missouri. Minor amendments to section (13) for a typographical error and to section (20) for name rule uniformity are being done at this time. The evidence supporting the need for this proposed rulemaking, per section 536.016 RSMo, are the **Federal Register** notices on National Ambient Air Quality Standards for Particulate Matter and Ozone and the Clean Air Act.*

PURPOSE: This rule defines methods for performing emissions sampling on air pollution sources throughout Missouri, only as specified by the Air Conservation Commission emission rules.

- (1) Samples and velocity traverses for source sampling shall be conducted as specified by 40 CFR part 60 Appendix A Test Methods, *Method 1—Sample and Velocity Traverses for Stationary Sources*.
- (2) The velocity of stack gases is to be determined by measuring velocity head using a Type "S" (Stauscheibe or reverse type) pitot tube as specified by 40 CFR part 60, Appendix A—Test Methods, *Method 2—Determination of Stack Gas Velocity and Volumetric Flow Rate (Type S Pitot Tube)*.
- (3) The carbon dioxide, oxygen, excess air and dry molecular weight contained in stack gases shall be determined as specified by 40 CFR part 60, Appendix A—Test Methods, *Method 3—Gas Analysis for Carbon Dioxide, Oxygen, Excess Air and Dry Molecular Weight*.
- (4) The moisture content in stack gases shall be determined as specified by 40 CFR part 60, Appendix A—Test Methods, *Method 4—Determination of Moisture Content in Stack Gases*.
- (5) Particulate Matter Emissions.
 - (A) The concentration of particulate matter emissions in stack gases shall be determined as specified by 40 CFR part 60, Appendix A—Test Methods, *Method 5—Determination of Particulate Emissions from Stationary Sources*.
 - (B) The quantity of particulate matter emissions from certain industrial processes as determined by the director shall be determined as specified by 40 CFR part 60, Appendix A—Test Methods, *Method 17—*

Determination of Particulate Emissions from Stationary Sources (In-Stack Filtration Method).

- (C) The concentration of particulates of PM₁₀ shall be determined as specified by 40 CFR part 51, Appendix M—Test Methods, *Method 201—Determination of PM₁₀ Emissions (Exhaust Gas Recycle Procedure)*. When water droplets are known to exist in emissions, use Method 5 as defined in subsection (5)(A) of this rule and consider the particulate catch to be PM₁₀ emissions.
- (D) The concentration of particulates of PM₁₀ shall be determined as specified by 40 CFR part 51, Appendix M—Test Methods, *Method 201A—Determination of PM₁₀ Emissions (Constant Sampling Rate Procedure)*. When water droplets are known to exist in emissions, use Method 5 as defined in subsection (5)(A) of this rule and consider the particulate catch to be PM₁₀ emissions.
- (E) The concentration of condensible particulate matter (CPM) shall be determined as specified by 40 CFR part 51, Appendix M—Test Methods, *Method[s] 202—Determination of Condensible Particulate Emissions from Stationary Sources using EPA Conditional Test Method 040—Method For The Determination Of PM₁₀ and PM_{2.5} Emissions (Constant Sampling Rate Procedures-December 3, 2002)*.
- (F) **The concentration of particulates of PM_{2.5} shall be determined as specified by 40 CFR part 51, Appendix M—Test Methods, *Method 201—Determination of PM₁₀ Emissions (Exhaust Gas Recycle Procedure)* using EPA Conditional Test Method 040—Method For The Determination Of PM₁₀ and PM_{2.5} Emissions (Constant Sampling Rate Procedures—December 3, 2002). When water droplets are known to exist in emissions, use Method 5 as defined in subsection (5)(A) of this rule and consider the particulate catch to be PM_{2.5} emissions.**
- (G) **The concentration of particulates of PM_{2.5} shall be determined as specified by 40 CFR part 51, Appendix M—Test Methods, *Method 201A—Determination of PM₁₀ Emissions (Constant Sampling Rate Procedure)* using EPA Conditional Test Method 040—Method For The Determination Of PM₁₀ and PM_{2.5} Emissions (Constant Sampling Rate Procedures—December 3, 2002). When water droplets are known to exist in emissions, use Method 5 as defined in subsection (5)(A) of this rule and consider the particulate catch to be PM_{2.5} emissions.**

(6) The sulfur dioxide emissions from air pollution sources shall be determined as specified by 40 CFR part 60, Appendix A Test Methods, *Method 6—Determination of Sulfur Dioxide Emissions from Stationary Sources*.

(7) The nitrogen oxide emissions from air pollution sources shall be determined as specified by 40 CFR part 60, Appendix A— Test Methods, *Method 7—Determination of Nitrogen Oxide Emissions from Stationary Sources*.

- (8) The sulfuric acid mist and sulfur dioxide emissions from air pollution sources shall be determined as specified by 40 CFR part 60, Appendix A—Test Methods, *Method 8—Determination of Sulfuric Acid Mist and Sulfur Dioxide Emissions from Stationary Sources*.
- (9) Visible Emissions.
- (A) The visible emissions from air pollution sources shall be evaluated as specified by 40 CFR part 60, Appendix A—Test Methods, *Method 9—Visual Determination of the Opacity of Emissions from Stationary Sources*.
- (B) Visible fugitive emissions shall be evaluated as specified by 40 CFR part 60, Appendix A—Test Methods, *Method 22—Visual Determination of Fugitive Emissions from Material Sources and Smoke Emissions from Flares*.
- (10) The carbon monoxide emissions from air pollution sources shall be determined as specified by 40 CFR part 60, Appendix A—Test Methods, *Method 10—Determination of Carbon Monoxide Emissions from Stationary Sources*.
- (11) The hydrogen sulfide emissions from air pollution sources shall be determined as specified by 40 CFR part 60, Appendix A—Test Methods, *Method 11—Determination of Hydrogen Sulfide Content of Fuel Gas Streams in Petroleum Refineries*.
- (12) The lead emissions from air pollution sources shall be determined as specified by 40 CFR part 60, Appendix A—Test Methods, *Method 12—Determination of Inorganic Lead Emissions from Stationary Sources*.
- (13) The total fluoride emissions and the associated moisture content from air pollution sources shall be determined as specified by 40 CFR part 60, Appendix A—Test Methods, *Method 13A—Determination of Total Fluoride Emissions from Stationary Sources—SPADNS Zirconium Lake Method [~~or~~]***or** *Method 13B—Determination of Total Fluoride Emissions from Stationary Sources—Specific Ion Electrode Method*. For Method 13A or 13B, the sampling time for each run shall be at least sixty (60) minutes and the minimum sample volume shall be at least 0.85 standard dry cubic meter (thirty (30) standard dry cubic foot) except that shorter sampling times or smaller volumes, when necessitated by process variables or other factors, may be approved by the director.
- (14) Volatile organic compound emissions from air pollution sources shall be determined—
- (A) As specified by 40 CFR part 60, Appendix A—Test Methods, *Method 25—Determination of Total Gaseous Nonmethane Organic Emissions as Carbon*;

- (B) As specified by 40 CFR part 60, Appendix A—Test Methods, *Method 27—Determination of Vapor Tightness of Gasoline Delivery Tanks Using Pressure-Vacuum Test*;
 - (C) As specified by 40 CFR part 60, Appendix A—Test Methods, *Method 24—Determination of Volatile Matter Content, Water Content, Density, Volume, Solids and Weight Solids of Surface Coatings*;
 - (D) As specified by 40 CFR part 60, Appendix A—Test Methods, *Method 24A—Determination of Volatile Matter Content and Density of Printing Inks and Related Coatings*; or
 - (E) As specified by 40 CFR part 60, Appendix A—Test Methods, *Method 21—Determination of Volatile Organic Compound Leaks*.
- (15) The hydrogen chloride emissions from air pollution sources shall be determined as specified by 40 CFR part 60, Appendix A— Test Methods, *Method 26—Determination of Hydrogen Chloride Emissions from Stationary Sources*.
- (16) Dioxin and furan emissions from air pollution sources shall be determined as specified by 40 CFR part 60, Appendix A— Test Methods, *Method 23—Determination of Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans from Stationary Sources*.
- (17) The mercury emissions, both particulate and gaseous, from air pollution sources shall be determined as specified by 40 CFR part 61, Appendix B—Test Methods, *Method 101A—Determination of Particulate and Gaseous Mercury Emissions from Stationary Sources*.
- (18) The latest effective date of any 40 CFR part 60, Appendix A—Test Methods shall be as designated in 10 CSR 10-6.070 New Source Performance Regulations.
- (19) Alternative Sampling Method. An alternative sampling method to any method referenced in this rule may be used provided it is in accordance with good professional practice, provides results of at least the same accuracy and precision as the replaced method and receives the approval of the director for its use.
- (20) The capture efficiency of air pollution control devices shall be determined as specified by the ~~[United States]~~**U.S.** Environmental Protection Agency's (**EPA's**) February 7, 1995 memorandum entitled, "Revised Capture Efficiency Guidance for Control of Volatile Organic Compound Emission" and the ~~[United States]~~**U.S.** ~~[Environment Protection Agency's]~~**EPA's** January 9, 1994 technical document entitled, "Guidelines for Determining Capture Efficiency." For automobile and light-duty truck topcoat operations, the capture efficiency of air pollution control devices shall be determined as specified in ~~[USEPA's]~~**U.S. EPA's** document entitled, "Protocol for Determining the Daily Volatile Organic Compound Emission Rate of Automobile and Light-Duty Truck Topcoat Operations" (USEPA-450/3/88-018), as amended by Enclosure 1, dated March 8, 1996, and entitled, "23—Determining Spraybooth VOC Capture Efficiency."

*AUTHORITY: section 643.050, [~~RSMo Supp. 1997~~] and 643.055, RSMo [~~1994~~]**2000**. Original rule filed Aug. 16, 1977, effective Feb. 11, 1978. Amended: Filed Feb. 27, 1978, effective Dec. 11, 1978. Amended: Filed Sept. 14, 1978, effective April 12, 1979. Amended: Filed July 16, 1979, effective Feb. 11, 1980. Amended: Filed Dec. 10, 1979, effective April 11, 1980. Amended: Filed March 13, 1980, effective Sept. 12, 1980. Amended: Filed Feb. 14, 1984, effective July 12, 1984. Amended: Filed June 2, 1987, effective Nov. 23, 1987. Amended: Filed Sept. 1, 1987, effective Dec. 24, 1987. Amended: Filed Aug. 4, 1988, effective Nov. 24, 1988. Amended: Filed Feb. 4, 1991, effective Sept. 30, 1991. Amended: Filed Sept. 3, 1991, effective April 9, 1992. Amended: Filed April 15, 1996, effective Nov. 30, 1996. Amended: Filed April 14, 1998, effective Nov. 30, 1998. Amended: Filed July 6, 2005.*

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE OF PUBLIC HEARING AND NOTICE TO SUBMIT COMMENTS: A public hearing on this proposed amendment will begin at 9:00 a.m., September 29, 2005. The public hearing will be held at the Double Tree Hotel, Salon A, 1301 Wyandotte, Kansas City, MO. Opportunity to be heard at the hearing shall be afforded any interested person. Written request to be heard should be submitted at least seven (7) days prior to the hearing to Director, Missouri Department of Natural Resources' Air Pollution Control Program, 1659A East Elm Street, PO Box 176, Jefferson City, MO 65102-0176, (573) 751-4817. Interested persons, whether or not heard, may submit a written statement of their views until 5:00 p.m., October 6, 2005. Written comments shall be sent to Chief, Planning Section, Missouri Department of Natural Resources' Air Pollution Control Program, 1659A East Elm Street, PO Box 176, Jefferson City, MO 65102-0176.

**PUBLIC HEARING ON
PROPOSED AMENDMENT TO**

10 CSR 10-6.040

REFERENCE METHODS

This amendment proposes to amend sections (2) and (4), amend subsection (4)(E) by deletion and reserve, amend subsection (4)(H) amend subsection (4)(I) by addition, amend subsections (4)(J) and (4)(K), add new subsections (4)(L) and (4)(M) and amend sections (5) and (9).

Section (2) is being amended for a minor language correction.

Sections (4) and (9) are being amended to update CFR appendices.

Subsection (4)(E) is being amended to remove an obsolete reference method.

Subsections (4)(H), (4)(J) and (4)(K) are being amended to clarify rule requirements.

Subsection (4)(I) is being amended to add the new compliance standard for 8-hour ozone.

New subsections (4)(L) and (4)(M) are being amended to add the reference method and compliance standard for the new PM2.5 standards.

Section (5) is being amended to update the name of a reference method.

NOTE 1 - Legend for rule actions to be presented at public hearing is as follows:

- * Shaded Text - Rule sections or subsections not proposed for amendment. This text is only for reference.*
- * Unshaded Text - Rule sections or subsections that are proposed for change.*

NOTE 2 - All unshaded text below this line is printed in the Missouri Register.

**Title 10 - DEPARTMENT OF
NATURAL RESOURCES**

Division 10 - Air Conservation Commission

**Chapter 6 – Air Quality Standards, Definitions, Sampling and Reference Methods
and Air Pollution Control Regulations for the Entire State of Missouri**

PROPOSED AMENDMENT

10 CSR 10-6.040 Reference Methods. The commission proposes to amend sections (2), (4), (5) and (9). If the commission adopts this rule action, it will be submitted to the U.S. Environmental Protection Agency to replace the current rule in the Missouri State Implementation Plan. The evidence supporting the need for this proposed rulemaking is available for viewing at the Missouri Department of Natural Resources' Air Pollution Control Program at the address and phone number listed in the Notice of Public Hearing at the end of this rule. More information concerning this rulemaking can be found at the Missouri Department of Natural Resources' Environmental Regulatory Agenda website, www.dnr.mo.gov/regs/regagenda.htm.

*PURPOSE: This rule provides reference methods for determining data and information necessary for the enforcement of air pollution control regulations throughout Missouri. This amendment updates adopted approved federal reference methods and adopts new approved federal reference methods for the new and revised 8-Hour Ozone and Particulate Matter 2.5 Micron Ambient Air Quality Standards finalized on July 18, 1997 and mandated under the Clean Air Act. This amendment also removes an obsolete federal reference method and updates several federal reference methods titles. These reference methods are for determining data and information necessary for the enforcement of air pollution control regulations throughout Missouri. The evidence supporting the need for this proposed rulemaking, per section 536.016 RSMo, are the **Federal Register** notices on National Ambient Air Quality Standards for Particulate Matter and Ozone and the Clean Air Act.*

PURPOSE: This rule provides reference methods for determining data and information necessary for the enforcement of air pollution control regulations throughout Missouri.

- (1) The percent sulfur in solid fuels shall be determined as specified by American Society of Testing and Materials (ASTM) Method D(3177-75) *Total Sulfur in the Analysis Sample of Coal and Coke*.
- (2) The heat content ~~[of]~~or higher heating value (HHV) of solid fuels shall be determined by use of the Adiabatic Bomb Calorimeter as specified by ASTM Method D(2015-66) *Gross Calorific Value of Solid Fuel by the Adiabatic Bomb Calorimeter*.
- (3) The heat content or HHV of liquid hydrocarbons shall be determined as specified by ASTM Method D(240-64) *Heat of Combustion of Liquid Hydrocarbon by Bomb Calorimeter*.
- (4) The methods for determining the concentrations of the following air contaminants in the ambient air shall be as specified in 40 CFR part 50, Appendices A–~~[K]~~N or equivalent methods as specified in 40 CFR part 53:
 - (A) The concentration of sulfur dioxide shall be determined as specified in 40 CFR part 50, Appendix A—*Reference Method for the Determination of Sulfur Dioxide in the Atmosphere (Pararosaniline Method)* or an equivalent method as approved by 40 CFR part 53;
 - (B) The concentration of total suspended particulate shall be determined as specified in 40 CFR part 50, Appendix B—*Reference Method for the Determination of Suspended Particulates in the Atmosphere (High Volume Method)*;

- (C) The concentration of carbon monoxide in the ambient air shall be determined as specified in 40 CFR part 50, Appendix C—*Measurement Principle and Calibration Procedure for the Continuous Measurement of Carbon Monoxide in the Atmosphere (Non-Dispersive Infrared Spectrometry)* or equivalent methods as approved by 40 CFR part 53;
 - (D) The concentration of photochemical oxidants (ozone) in the ambient air shall be determined as specified in 40 CFR part 50, Appendix D—*Measurement Principle and Calibration Procedure for the Measurement of Ozone in the Atmosphere* or equivalent methods as approved by 40 CFR part 53;
 - (E) ~~[The concentration of hydrocarbons in the ambient air shall be determined as specified by 40 CFR part 50, Appendix E—*Reference Method for the Determination of Hydrocarbons Corrected for Methane* or equivalent method as approved in 40 CFR part 53;]~~**Reserved**
 - (F) The concentration of nitrogen dioxide in the ambient air shall be determined as specified in 40 CFR part 50, Appendix F—*Measurement Principle and Calibration Procedure for the Measurement of Nitrogen Dioxide in the Atmosphere (Gas Phase Chemiluminescence)* or equivalent methods as approved by 40 CFR part 53;
 - (G) The concentration of lead in the ambient air shall be determined as specified in 40 CFR part 50, Appendix G—*Reference Method for the Determination of Lead in Suspended Particulate Matter Collected From Ambient Air* or equivalent methods as approved by 40 CFR part 53;
 - (H) Compliance with the **one (1) hour** ozone standard shall be determined as specified in 40 CFR part 50, Appendix H—*Interpretation of the National Ambient Air Quality Standards for Ozone*;
 - (I) ~~[Reserved]~~**Compliance with the eight (8) hour ozone standards shall be determined as specified in 40 CFR part 50, Appendix I—*Interpretation of the 8-Hour Primary and Secondary National Ambient Air Quality Standards for Ozone*;**
 - (J) The concentration of particulate matter 10 micron (PM₁₀) in the ambient air shall be determined as specified in 40 CFR part 50, Appendix J—*Reference Method for the Determination of Particulate Matter as PM₁₀ in the Atmosphere*, or an equivalent method as approved in 40 CFR part 53; ~~and~~
 - (K) Compliance with **particulate matter 10** (PM₁₀) standards shall be determined as specified in 40 CFR part 50, Appendix K—*Interpretation of the National Ambient Air Quality Standards for Particulate Matter*[-];
 - (L) **The concentration of particulate matter 2.5 micron (PM_{2.5}) in the ambient air shall be determined as specified in 40 CFR part 50, Appendix L—*Reference Method for the Determination of Fine Particulate Matter as PM_{2.5} in the Atmosphere*, or an equivalent method as approved in 40 CFR part 53; and**
 - (M) **Compliance with particulate matter 2.5 (PM_{2.5}) standards shall be determined as specified in 40 CFR part 50, Appendix N—*Interpretation of the National Ambient Air Quality Standards for Particulate Matter*.**
- (5) The concentration of hydrogen sulfide (H₂S) in the ambient air shall be determined by scrubbing all sulfur dioxide (SO₂) present in the sample and then converting each

molecule of H₂S to SO₂ with a thermal converter so that the resulting SO₂ is detected by an analyzer as specified in 40 CFR part 50, Appendix A—*Reference Method for the Determination of Sulfur Dioxide in the Atmosphere (Pararosaniline Method)* or an equivalent method approved by 40 CFR part 53, in which case the calibration gas used must be National Institute of Standards and Technology traceable H₂S gas.

- (6) The concentration of sulfuric acid mist in the ambient air shall be determined as specified in the *Compendium Method IO-4-2, Determination of Reactive Acidic and Basic Gases and Strong Acidity of Fine-Particles (<2.5µm)*, Center for Environmental Research Information, Office of Research and Development, U.S. Environmental Protection Agency, Cincinnati, OH 45268, EPA/625/R-96/010a.
 - (A) The concentration of total sulfur shall be determined as specified in section (4) of this rule by sampling for sulfur dioxide without removing other sulfur compound interferences.
 - (B) The concentration of sulfur dioxide shall be determined as specified by section (4) of this rule.
 - (C) The concentration of hydrogen sulfide shall be determined as specified by section (5) of this rule.
- (7) The percent sulfur in liquid hydrocarbons shall be determined as specified by ASTM D(2622-98), *Sulfur in Petroleum Products by X-Ray Fluorescence Spectrometry*.
- (8) The amount of solvent present in earth filters and distillation wastes shall be determined as specified by ASTM Method D(322-67), *Standard Test Method for Gasoline Diluent in Used Gasoline Engine Oils by Distillation*.
- (9) The latest effective date of any 40 CFR part 50, Appendices A–[K]N and equivalent methods as specified in 40 CFR part 53 shall be as designated in 10 CSR 10-6.070 New Source Performance Regulations for 40 CFR part 60.

AUTHORITY: section 643.050, RSMo [~~Supp. 1999~~]**2000**. Original rule filed Aug. 16, 1977, effective Feb. 11, 1978. Amended: Filed Sept. 14, 1978, effective April 12, 1979. Amended: Filed Dec. 10, 1979, effective April 11, 1980. Amended: Filed March 13, 1980, effective Sept. 12, 1980. Amended: Filed Feb. 14, 1984, effective July 12, 1984. Amended: Filed Jan. 5, 1988, effective April 28, 1988. Amended: Filed Oct. 13, 2000, effective July 30, 2001. Amended: Filed July 6, 2005.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE OF PUBLIC HEARING AND NOTICE TO SUBMIT COMMENTS: A public hearing on this proposed amendment will begin at 9:00 a.m., September 29, 2005. The public hearing will be held at the Double Tree Hotel, Salon A, 1301 Wyandotte, Kansas City, MO. Opportunity

to be heard at the hearing shall be afforded any interested person. Written request to be heard should be submitted at least seven (7) days prior to the hearing to Director, Missouri Department of Natural Resources' Air Pollution Control Program, 1659A East Elm Street, PO Box 176, Jefferson City, MO 65102-0176, (573) 751-4817. Interested persons, whether or not heard, may submit a written statement of their views until 5:00 p.m., October 6, 2005. Written comments shall be sent to Chief, Planning Section, Missouri Department of Natural Resources' Air Pollution Control Program, 1659A East Elm Street, PO Box 176, Jefferson City, MO 65102-0176.

MISSOURI AIR CONSERVATION COMMISSION RULES IN PROGRESS SCHEDULE

1

Rule Action	Draft Rule Out for Other Dept Review	Public Notice (Accepting Comments on Draft Rule)	File with Secretary of State*	Publish in Missouri Register	Public Hearing	Public Comment Period Closes	Commission Vote on Rule Action	Last Day** to File with Secretary of State*	Rule Effective
Rule Amendment 10 CSR 10-6.065 Operating Permits (Implements governor's operating permit streamlining recommendations; addresses regulated community concerns and helps streamline Basic and Intermediate operating permits programs)	03-16-04	09-12-04	12-14-04	01-18-05	03-31-05	04-07-05	04-28-05	06-23-05	09-30-05
Rule Amendment 10 CSR 10-6.110 Submission of Emission Data, Emission Fees and Process Information (Sets emission fee required annually by statute)	03-30-04	N/A	05-17-04	06-15-04	07-22-04	07-29-04	08-26-04	10-01-04	12-30-04
Rule Amendment 10 CSR 10-6.060 Construction Permits Required (Adopts federal New Source Review program for attainment areas)	03-30-04	N/A	05-17-04	06-15-04	07-22-04	07-29-04	08-26-04	10-01-04	12-30-04
Rule Amendment 10 CSR 10-6.410 Emissions Banking and Trading (Prohibits generation of emission reduction credits from pollution control projects excluded in EPA's New Source Review improvement rule)	03-30-04	N/A	05-17-04	06-15-04	07-22-04	07-29-04	08-26-04	10-01-04	12-30-04
Rule Amendment 10 CSR 10-6.120 Restriction of Emissions of Lead from Specific Lead Smelter-Refinery Installations (Deletes references to Doe Run and Glover because stack emission and throughput limitations are incorporated in settlement agreement as part of maintenance plan)	04-23-04	N/A	07-01-04	08-02-04	09-30-04	10-07-04	10-28-04	12-22-04	03-30-05
Rule Amendment 10 CSR 10-6.061 Construction Permits Exemptions (Raises insignificant emission levels to allow installations to pursue insignificant modifications to their installation without having to obtain a construction permit)	05-10-04	N/A	07-01-04	08-02-04	09-30-04	10-07-04	10-28-04	12-01-04	02-28-05
Rule Amendment 10 CSR 10-6.070 New Source Performance Regulations (Annual updates)	10-22-04	11-07-04	02-17-05	04-01-05	05-26-05	06-02-05	06-30-05	08-31-05	10-30-05
Rule Amendment 10 CSR 10-6.075 Maximum Achievable Control Technology Regulations (Annual updates)	10-22-04	11-07-04	02-17-05	04-01-05	05-26-05	06-02-05	06-30-05	08-31-05	10-30-05
Rule Amendment 10 CSR 10-6.080 Emission Standards for Hazardous Air Pollutants (Annual updates)	10-22-04	11-07-04	02-17-05	04-01-05	05-26-05	06-02-05	06-30-05	08-31-05	10-30-05
Rule Amendment 10 CSR 10-6.360 Control of NOx Emissions From Electric Generating and Non-Electric Generating Boilers (NOx SIP Call)	11-04-04	11-09-04	02-14-05	03-15-05	04-28-05	05-05-05	05-26-05	08-01-05	10-30-05
Rule Amendment 10 CSR 10-6.380 Control of NOx Emissions From Portland Cement Kilns (NOx SIP Call)	11-04-04	11-09-04	02-14-05	03-15-05	04-28-05	05-05-05	05-26-05	08-01-05	10-30-05
Rule Amendment 10 CSR 10-6.390 Control of NOx Emissions From Large Stationary Internal Combustion Engines (NOx SIP Call)	11-04-04	11-09-04	02-14-05	03-15-05	04-28-05	05-05-05	05-26-05	08-01-05	10-30-05

Shaded blocks indicate actual completion dates.

* Copy provided to Joint Committee on Administrative Rules

** Last day to meet rule effective date shown.

MISSOURI AIR CONSERVATION COMMISSION RULES IN PROGRESS SCHEDULE

2

Rule Action	Draft Rule Out for Other Dept Review	Public Notice (Accepting Comments on Draft Rule)	File with Secretary of State*	Publish in Missouri Register	Public Hearing	Public Comment Period Closes	Commission Vote on Rule Action	Last Day** to File with Secretary of State*	Rule Effective
Rule Amendment 10 CSR 10-2.390 Kansas City Area Transportation Conformity Requirements (Federal updates)	12-17-04	01-10-05	04-01-05	05-02-05	06-30-05	07-07-05	07-21-05	10-05-05	12-30-05
Rule Amendment 10 CSR 10-5.480 St. Louis Area Transportation Conformity Requirements (Federal updates)	12-17-04	01-10-05	04-01-05	05-02-05	06-30-05	07-07-05	07-21-05	10-05-05	12-30-05
Rule Amendment 10 CSR 10-1.030 Air Conservation Commission Appeals and Requests for Hearings (Contains procedural regulations for contested cases heard by commission or assigned to hearing officer by commission)	01-27-05	02-06-05	05-12-05	06-15-05	07-21-05	07-28-05	08-25-05	10-03-05	12-30-05
Rule Amendment 10 CSR 10-6.110 Submission of Emission Data, Emission Fees and Process Information (Sets emission fee required annually by statute and adjusts deadline for fee payment)	03-09-05	N/A	05-16-05	06-15-05	07-21-05	07-28-05	08-25-05	10-03-05	12-30-05
Rule Amendment 10 CSR 10-6.010 Ambient Air Quality Standards (Updates NAAQS table with new and revised 8-hour Ozone and PM2.5 standards)	03-02-05	N/A	07-06-05	08-15-05	09-29-05	10-06-05	10-27-05	12-01-05	02-28-06
Rule Amendment 10 CSR 10-6.020 Definitions and Common Reference Tables (Updates federal reference methods for the new PM2.5 standards mandated under CAA of 1997)	03-02-05	N/A	07-06-05	08-15-05	09-29-05	10-06-05	10-27-05	12-01-05	02-28-06
Rule Amendment 10 CSR 10-6.030 Sampling Methods for Air Pollution Sources (Updates federal reference methods for new PM2.5 standards mandated under CAA of 1997)	03-02-05	N/A	07-06-05	08-15-05	09-29-05	10-06-05	10-27-05	12-01-05	02-28-06
Rule Amendment 10 CSR 10-6.040 Reference Methods (Updates federal reference methods for new PM2.5 standards mandated under CAA of 1997)	03-02-05	N/A	07-06-05	08-15-05	09-29-05	10-06-05	10-27-05	12-01-05	02-28-06
Rule Amendment 10 CSR 10-5.510 Control of Emissions of Nitrogen Oxides (Adds another test method to determine NOx emission rates)	05-12-05	05-19-05	08-26-05	10-03-05	12-08-05	12-15-05	02-02-06	03-15-06	05-30-06
Rule Amendment 10 CSR 10-6.100 Alternate Emission Limits (Updates reference for federal New Source Review program for nonattainment areas)	06-02-05	N/A			Anticipate filing 11/15/05				
Rule Amendment 10 CSR 10-6.060 Construction Permits Required (Adopts federal New Source Review program for nonattainment areas)	06-03-05	06-26-05			Anticipate filing 11/15/05				
Rule Amendment 10 CSR 10-6.061 Construction Permits Exemptions (Relocates recordkeeping section and clarifies specific facilities exemptions)	08-17-05	N/A			Anticipate filing 11/15/05				

Shaded blocks indicate actual completion dates.

* Copy provided to Joint Committee on Administrative Rules

** Last day to meet rule effective date shown.

**State Air Quality Plans Status Report
September 07, 2005**

1

Plan Commitment	Plan Submitted to EPA *	EPA's Plan Completion Finding *	EPA's Plan Approval Finding *	Sanction Clock Date **		Sanctions				Comments
						EPA Impose 2:1 Emissions Offset Ratio (18 mos after clock start)		EPA Withholds Highway Funds (24 mos after clock start)		
				Start	Stop	Start	Stop	Start	Stop	
Missouri SIP (Emission Statement Plan)	1/4/94	Complete 6/17/94	Approved 2/29/96	1/15/93	6/17/94					
Missouri SIP (St. Louis CO Maintenance Plan)	6/13/97	Complete 7/9/97	1/26/99 - EPA granted direct final approval - effective 3/29/99	No sanction clock applicable to nonclassifiable nonattainment areas.						
Missouri SIP (St. Louis 15% Rate of Progress (RoP) Plan)	1/13/95 7/11/95 7/11/95	7/13/95 - All three submittals found complete.	3/18/96 - EPA proposed partial approval of all plan elements except I/M program. EPA proposed partial disapproval due to failure to implement enhanced I/M program.	Sanction clock will start if EPA publishes limited disapproval of 15% plan.						
	5/1/97	N/A (This action only addresses approvability)								Plan revised to clarify RVP waiver demonstration.
	11/12/99	Complete 12/22/99	Approved 5/18/00							Plan revised to include I/M and RFG provisions.
Missouri SIP (St. Louis Contingency Plan)	10/6/97	Complete 10/8/97	4/19/01 - EPA proposed approval Approved 6/26/01	4/11/96	10/8/97					Public hearing 7/24/97. MACC adopted Plan 8/28/97. MACC adopted Solvent Metal Cleaning rule 2/3/98. On 5/18/00, EPA approved Solvent Metal Cleaning rule as part of 15% RoP plan (includes Tier II and low sulfur gasoline).
Missouri SIP (St. Louis Attainment Demonstration Plan)	10/25/95 11/12/99 11/2/00 2/28/01	Complete 4/22/96 Complete 12/22/99	4/17/00 - EPA proposed approval 8/3/00 - EPA reopened public comment period until 8/14/00. 4/3/01 - EPA proposed approval Approved 6/26/01 (Court vacated)	6/22/95	4/22/96					Plan revised to comply w/new ozone standard and transport SIP call. MACC adopted Plan 11/8/99. On 1/19/00, DNR submitted supplemental model report. Additional modeling submitted 6/29/00. Supplemental model report presented at 8/31/00 MACC public hearing. MACC adopted Plan 9/21/00. On 6/26/01, EPA withdrew 3/19/01 attainment determination and approved attainment date extension to 11/15/04 and mobile source emissions budgets. On 11/25/02, US 7 th Circuit Court of Appeals ruled against EPA as follows: 1) EPA has no authority to grant attainment date extension; 2) 6/26/01 rule extending St. Louis attainment date vacated; 3) directed EPA to promulgate final rule classifying St. Louis as serious ozone nonattainment area.
	12/13/02		1/30/03 - EPA proposed to approve revised mobile budgets Approved 5/12/03							MOBILE6 model released 1/29/02. Revised mobile budgets based on Mobile 6 model presented to MACC at public hearings 10/23/02 (St. Louis) and 10/24/02 (Kirksville). MACC adopted Plan 12/5/02.
Missouri SIP (Redesignation Demonstration and Maintenance Plan for Missouri Portion of St. Louis Ozone Nonattainment Area)	12/5/02	12/19/02	1/30/03 - EPA proposed approval of redesignation demonstration and maintenance plan. Approved 5/12/03							Plan and redesignation request presented to MACC at public hearing 10/23/02 (St. Louis) and 10/24/02 (Kirksville). MACC adopted Plan 12/5/02.

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Plan Commitment	Plan Submitted to EPA *	EPA's Plan Completion Finding *	EPA's Plan Approval Finding *	Sanction Clock Date **		Sanctions				Comments	
						EPA Impose 2:1 Emissions Offset Ratio (18 mos after clock start)		EPA Withholds Highway Funds (24 mos after clock start)			
				Start	Stop	Start	Stop	Start	Stop		
Missouri SIP (St. Louis 8-Hour Ozone/PM2.5 Plan)	8/1/03									In 2000, DNR submitted recommendation on 8-hr nonattainment boundaries. On 6/2/03, EPA published proposed 8-hr Ozone NAAQS rule. On 4/30/04, EPA designated St Louis as Moderate for 8-hr Ozone NAAQS. On 9/23/04, Illinois EPA and Missouri hosted joint mtg to initiate St. Louis 8-hr Ozone/PM2.5 SIP development stakeholder groups. On 1/5/05, EPA published area designations/classifications for Fine Particle NAAQS (St. Louis as Unclassifiable/Attainment). In Mar-05, contract awarded to Environ and Alpine Geophysics (EnvironAG) to assist w/emissions and photochemical modeling. Contract effective date 4/1/05. On 4/15/05, Control Strategy (CS) group met to discuss draft CS whitepapers (prepared by MDNR and Illinois EPA) and process for prioritizing and evaluating strategies. On 5/11/05 and 5/24/05, Modeling group conference calls w/ Contractors to discuss onroad mobile/biogenic emissions. On 6/7/05, CS group met to review photochemical modeling results from Midwest Regional Planning Organization (RPO) and discuss evaluation of CS options. On 6/8/05, Modeling group conference call w/Contractors to discuss emissions and meteorological modeling issues. On 6/22/05, Modeling group conference call w/Contractors to discuss emissions issues and initial June 2002 episode photochemical modeling run. On 7/13/05, Modeling group conference call w/Contractors to discuss ideas for improving performance of initial Jun-02 episode photochemical modeling run. On 8/10/05, Modeling group conference call w/Contractors to discuss photochemical modeling performance for June-Aug-02 episodes and Base 2 emissions inventory progress. On 9/1/05, Modeling group conference call w/Contractors to discuss photochemical modeling performance for June-Aug-02 episodes, Base 2 emissions inventory and modeling tasks to complete before contract ends 09/30/05.	
	1/3/05		1/26/05 - EPA approved revised mobile budgets							Plan revised to establish 2007 motor vehicle emissions budgets. Public hearing on proposed budgets 10/28/04. MACC adopted Plan 12/9/04.	
Missouri SIP (Inspection/Maintenance I/M) Plan)				1/15/93	9/1/94						
	9/1/94 (Temporary rule)	Complete 9/1/94 Contingent on Plan revision submittal of permanent rule	3/18/96 - EPA proposed disapproval of I/M Plan (lack of adequate resources to implement)	Sanction clock starts if EPA publishes final disapproval							Contract awarded 2/24/99 and testing begins 4/5/00. Over 4,318,276 vehicles tested since I/M program start. In 2003, General Assembly did not renew appropriations for additional I/M station in South County.
	7/11/95 (Permanent rule)		Approved 5/18/00								
	12/9/02	12/30/02	5/12/03 - EPA approved I/M rule revisions - effective 5/12/03							MACC adopted proposal implementing on-board diagnostics (OBD) testing 4/25/02 (advisory-only). MACC adopted rule implementing OBD testing 8/29/02.	
	10/2/03	12/1/03								MACC adopted revised Plan to incorporate rule and legislative changes 8/23/03.	
										Plan being revised to incorporate HB 697 legislative changes. On 6/6/05, pass/fail OBD tests (<1996 vehicles) started. On 7/22/05, 8/5/05, 8/19/05 and 9/1/05, DNR/EPA hosted mtgs (St. Louis) to consider new I/M program designs beyond 2007 to meet 8-hr Ozone SIP obligation (presented current Ozone air quality data and federal requirements).	
Missouri SIP (New Source Review Plan)				1/15/93	6/17/94						
	4/6/94	Complete 6/17/94	Approved 2/29/96								

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Plan Commitment	Plan Submitted to EPA *	EPA's Plan Completion Finding *	EPA's Plan Approval Finding *	Sanction Clock Date **		Sanctions				Comments
				Start	Stop	EPA Impose 2:1 Emissions Offset Ratio (18 mos after clock start)		EPA Withholds Highway Funds (24 mos after clock start)		
Missouri SIP (St. Joseph Light & Power SO ₂ Attainment Plan)	7/13/01	Complete 8/15/01	11/15/01 - EPA granted direct final approval - effective 1/14/02							As of 5/25/01, consent agreement between St. Joseph Light & Power and State of Missouri to avoid SO ₂ nonattainment designation signed by all parties. Public hearing for consent agreement 2/6/01. MACC adopted 3/29/01.
Missouri SIP (Springfield City Utilities SO ₂ Consent Agreement)	1/2/02	Complete 2/1/02	3/25/02 - EPA granted direct final approval - effective 5/24/02							Added consent agreement to incorporate Springfield City Utilities SO ₂ control strategy. MACC adopted 12/6/01.
Missouri SIP (St. Louis Transportation Conformity Plan and Rule)	2/14/95	Complete 5/16/95	Approved 2/29/96							Original Plan
										Program working on Plan revision to incorporate six (6) federal transportation conformity rule amendments in one Plan revision. 4 of the 6 federal rule amendments adopted into State rules. EPA combined 5th and 6th amendments into one federal rule amendment published in 7/1/04 Federal Register. State rule amendment developed to incorporate federal changes. Public hearing for rule amendment 6/30/05. MACC adopted rule amendment 7/21/05.
Missouri SIP (Kansas City Transportation Conformity Plan and Rule)	2/14/95	Complete 5/16/95	Approved 2/29/96							Original Plan
										Program working on Plan revision to incorporate six (6) federal transportation conformity rule amendments in one Plan revision. 4 of the 6 federal rule amendments adopted into State rules. EPA combined 5th and 6th amendments into one federal rule amendment published in 7/1/04 Federal Register. State rule amendment developed to incorporate federal changes. Public hearing for rule amendment 6/30/05. MACC adopted rule amendment 7/21/05.
Missouri SIP (General Conformity Plan and Rule)	2/14/95	Complete 5/16/95	3/11/96 - Conditional approval w/6.300 revisions.							Rule effective date 9/30/96.
	11/20/96	Complete 2/24/97	Approved 7/14/97							
Missouri SIP (NOx RACT Plan)				7/6/94	7/3/96	1/6/96	7/3/96			
	11/30/95 (Waiver)									Submitted waiver application for CAAA Sect. 182(f) 11/30/95. EPA issues transport SIP call 10/10/97.
	4/26/96 (Draft Plan)									NOx RACT Plan identifying NOx RACT as the NOx limitations required for utility boilers under Title IV acid rain program being submitted.
	7/1/96 (Final Plan)	Complete 7/3/96								Public hearing for proposed Plan 5/30/96. MACC adopted proposed Plan 6/27/96.
	11/12/99	Complete 12/22/99	Approved 5/18/00							Incorporates new NOx RACT rule.
Missouri SIP (NOx Transport Plan)	8/1/05									On 3/3/00, court ruled on NOx SIP call petitions and removed Missouri from NOx SIP call. EPA approved statewide NOx rule 12/28/00. Proposed NOx SIP call for Missouri released 2/23/02. On 4/21/04, EPA finalized Phase II NOx SIP call. Missouri to submit SIP meeting full NOx SIP call by 5/1/05. Utility Workgroup mtgs 10/19/04 (non-electricity generating units-EGUs) and 10/25/04 (EGUs). On 12/8/04, EGU workgroup reached agreement in concept on proposed EGUs and non-EGU boilers rules. On 1/31/05, met w/cement kiln industry and reached consensus on draft cement kiln rule. Public hearing for 3 new NOx rules 4/28/05. MACC adopted rules 5/26/05. Public hearing for NOx SIP call Emissions Budget Demonstration for Missouri 5/26/05. MACC adopted Budget Demonstration 6/30/05.

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September 07, 2005**

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Plan Commitment	Plan Submitted to EPA *	EPA's Plan Completion Finding *	EPA's Plan Approval Finding *	Sanction Clock Date **		Sanctions				Comments
						EPA Impose 2:1 Emissions Offset Ratio (18 mos after clock start)		EPA Withholds Highway Funds (24 mos after clock start)		
				Start	Stop	Start	Stop	Start	Stop	
Missouri SIP (Kansas City 8-Hour Ozone Plan)	8/1/03									In 2000, DNR submitted 8-hr Ozone nonattainment boundaries recommendation. On 6/2/03, EPA published proposed 8-hr Ozone NAAQS rule. MACC adopted boundary recommendation 7/24/03. On 4/30/04, EPA designated Kansas City as Unclassifiable/Attainment for 8-hr Ozone NAAQS. Action effective 6/15/04. On 9/10/04, MARC hosted community workshop to discuss alternative strategies to achieve compliance w/new 8-hr Ozone standard and long-term clean air. On 12/21/04, MDNR submitted letter to EPA to certify monitoring data and to recommend Kansas City be redesignated as Attainment for 8-hr Ozone NAAQS. On 3/29/05, MARC approved Clean Air Action Plan (CAAP). On 5/3/05, EPA redesignated Kansas City as Attainment for 8-hr Ozone NAAQS. Final rule effective 6/2/05. On 7/12/05, MARC hosted mtg w/EPA, KDHE and DNR to initiate discussions on SIP tasks. On 8/4/05, conference call w/EPA, KDHE and DNR to discuss draft plan and 8-hr Ozone modeling study schedule. On 9/2/05, Missouri governor issued waiver (in conjunction w/ federal waiver) to relax RVP fuel restrictions for Kansas City Ozone maintenance area through 9/15/05.
Missouri SIP (Kansas City Maintenance Plan)										On 2/5/96, rec'd EPA formal notice of ozone violation (based on EPA quality assured data) in Kansas City metro area which requires contingency measures. Contingency measures recommendations presented at 8/29/96 MACC mtg.
	3/16/98	Complete 5/21/98	1/26/99 - EPA granted approval (RFG incorporated by 2000) Approved 4/24/02							MACC adopted revised Plan 2/3/98. US Court of Appeals struck down EPA's rule for use of RFG in former nonattainment areas. On 8/22/00, Missouri governor committed to implement 7.0 RVP gasoline, a cold cleaning solvent regulation and a pressure vacuum relief valve requirement for gasoline dispensing. RVP rule and fuel waiver submitted to EPA on 5/21/01.
	12/12/02	Complete 12/30/02	9/16/03 - EPA proposed approval Approved 1/13/04							MOBILE6 model released 1/29/02. MACC adopted subsequent 10-yr plan 7/25/02. MACC adopted revised mobile budgets 12/5/02. On 6/5/03, EPA informed public that revised motor vehicle emission budgets are adequate for conformity purposes.
										Plan revision required when 1-hr Ozone standard revoked 6/15/05. On 5/3/05, conference call w/KDHE and MARC to discuss options for addressing 1-hr Ozone Maintenance Plan revocation. 2002 Maintenance Plan revised to include 8-hr Ozone NAAQS and 8-hr Ozone NAAQS contingency measure triggers. Public hearing for 2005 revised Plan 6/30/05. MACC adopted 2005 revised Plan 7/21/05. New 8-hr Ozone Maintenance Plan deadline 6/15/07.
Title V Operating Permit Plan (Although not a SIP, plan has similar requirements and impacts)				11/15/93	3/2/95					
	1/13/95	Complete 3/2/95	4/11/96 - EPA granted interim approval of operating permit program Approved 5/14/97							Operating Permit Program effective date 5/13/96. Full approval effective 6/13/97.
	5/6/03	Complete 5/22/03	9/17/03 - EPA granted direct final approval - effective 11/17/03							On 3/25/02, EPA issued Notice of Deficiency for the Operating Permit Program because some State requirements do not comply w/CAA and 40 CFR 70 requirements. MACC adopted Plan revision and rule change 12/5/02.
										Program working on Plan revision to streamline Basic and Intermediate Operating Permits to minimize workload for both industry and program staff while maintaining NAAQS. As result of stakeholder review, MACC approved rule variance while amended rule is being developed. Public hearing for rule amendment 3/31/05. MACC adopted 4/28/05.

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Plan Commitment	Plan Submitted to EPA *	EPA's Plan Completion Finding *	EPA's Plan Approval Finding *	Sanction Clock Date **		Sanctions				Comments
						EPA Impose 2:1 Emissions Offset Ratio (18 mos after clock start)		EPA Withholds Highway Funds (24 mos after clock start)		
				Start	Stop	Start	Stop	Start	Stop	
Missouri SIP (Glover Lead Plan - Doe Run/formerly ASARCO)	8/13/96	Complete 9/18/96	Approved 5/5/97	8/2/93	9/18/96	2/2/95	9/18/96	8/2/95	9/18/96	Air quality monitoring data continues to show Lead standard attainment after controls installed. Amended consent decree filed Sept-99.
	7/31/00	Complete 9/5/00	12/5/01 - EPA proposed approval Approved 4/16/02							Plan revised to change ownership via new consent decree. MACC adopted Plan revision 5/25/00.
	1/26/04		6/30/04 - EPA proposed approval effective 8/30/04 unless adverse comments received by 7/30/04 Direct final rule withdrawn 8/24/04 due to adverse comment 10/29/04 - EPA granted final approval - effective 11/29/04							On 12/1/03, Glover smelter ceased operations w/plans to reopen in future. DNR advised Doe Run that certain emission compliance and maintenance plan reporting requirements could be discontinued until plant restart. DNR discontinued monitoring Jun-04. DNR retains ability to restart monitoring w/ sufficient lead time should plant begin smelting. On 10/29/04, EPA published final rule addressing adverse comment, redesignated area to attainment for Lead and approved Maintenance Plan. Doe Run utilizing unloading building to store and transport concentrate ores.
Missouri SIP (Herculaneum Lead Plan - Doe Run)				1/4/94	12/15/94					
	6/3/91 7/2/93 6/30/94 11/23/94	Complete 7/9/91 Complete 9/30/93 Complete 2/23/94 Complete 12/15/94	Limited approval rec'd 3/6/1992 Full approval on all 4 submittals together on 5/5/95							Area failed to attain Lead standard for 3 rd quarter of 1995. All contingency measures implemented and area still failed to attain Lead standard.
	1/9/01	Complete 1/18/01	12/5/01 - EPA proposed approval Approved 4/16/02	7/28/99	1/18/01					On 12/7/00, MACC adopted Plan revision and Lead rule. Court signed Consent Judgement 1/5/01. 1 st quarter 2005, DNR Broad Street monitor measured 1.88 ug/m ³ representing a Lead NAAQS violation (>1.50 ug/m ³). Doe Run monitor measured 1.93 ug/m³. Last failure to attain occurred 2 nd quarter 2002. On 4/22/05, facility was issued a Notice of Violation (NOV). Program working w/Doe Run and EPA to resolve issue, establish potential contingency measures and identify additional permanent and enforceable controls to reduce air impacts. 2 nd quarter 2005, DNR Broad Street monitor measured 1.46 ug/m ³ . Doe Run monitor measured 1.61 ug/m³ representing second Lead NAAQS violation this calendar year. Doe Run requested to amend SIP to allow facility to change baghouse bag vendors to increase bag life, and to reduce maintenance and energy costs. Public hearing on Consent Judgement modification 6/30/05. MACC adopted Consent Judgement modification 7/21/05.
Missouri SIP (Doe Run Resource Recycling Division Lead Plan)				1/4/94	12/15/94					
	7/2/93 6/30/94 11/23/94	12/15/94 - All three submittals together found complete	8/4/95 - EPA approved all three submittals together							8 continuous quarters of Lead standard attainment.
	5/12/00	Complete 8/2/00	10/18/00 - EPA granted direct final approval - effective 12/18/00							Facility now referred to as Doe Run Resource Recycling Division located near Bixby, MO.
	4/29/03	Complete 8/13/03	8/24/04 - EPA granted direct final approval - effective 10/25/04							Plan revised updating emission limits to reflect current operations. Public hearing for Plan revision and rule change 10/24/02. MACC adopted Plan 12/5/02.
										Plan to be revised reflecting new PSD permit production conditions. Rec'd Doe Run mining emissions characterization analysis to confirm NAAQS compliance. Awaiting review by Permits Section and Air Quality Analysis Section prior to proceeding w/Plan revision. Visited site 6/13/05.

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Plan Commitment	Plan Submitted to EPA *	EPA's Plan Completion Finding *	EPA's Plan Approval Finding *	Sanction Clock Date **		Sanctions				Comments
						EPA Impose 2:1 Emissions Offset Ratio (18 mos after clock start)		EPA Withholds Highway Funds (24 mos after clock start)		
				Start	Stop	Start	Stop	Start	Stop	
Missouri SIP (Update outdated local codes/ordinances)	3/12/97	Complete 4/24/97	4/22/98 - EPA granted direct final approval - effective 6/22/98	Sanction clock not applicable.						Required to comply w/Title V Program.
	12/22/98	Complete 4/14/99	12/22/99 - EPA granted direct final approval - effective 2/22/00							Updated Kansas City local incinerator codes.
	5/22/00	Complete 6/15/00	10/26/00 - EPA granted direct final approval - effective 12/26/00							Revised to reflect new St. Louis City ordinance 64749.
	10/15/03	11/6/03	12/9/03 - EPA granted direct final approval -							Plan revised to reflect new St. Louis City ordinance 65645. Public hearing for Plan revision 7/24/03. MACC adopted Plan 8/28/03.
111(d) Plan-Municipal Solid Waste Landfills	1/26/98		4/24/98 - EPA granted direct final approval - effective 6/23/98							Original Plan
	8/31/00	Complete 9/21/00	11/15/00 - EPA granted direct final approval - effective 1/16/01							Plan revised to reflect recent EPA Emission Guidelines revisions. Public hearing for Plan revision 6/29/00. MACC adopted Plan revision 7/27/00.
111(d) Plan-Hospital, Medical/Infectious Waste Incinerators	6/15/99		8/19/99 - EPA granted direct final approval - effective 10/19/99							Original Plan
	7/13/01		10/21/01 - EPA granted direct final approval - effective 12/11/01							Plan revised to assure consistency with federal definitions. Public hearing for Plan revision 2/6/01. MACC adopted Plan revision 3/29/01.
Missouri SIP (Small Business Stationary Source Technical and Environmental Compliance Assistance Program)	3/10/93	Complete 5/11/93	Approved 3/10/93							This program being implemented and operated by the Outreach and Assistance Center (OAC) environmental assistance office. Awaiting new administration appointments.
Missouri SIP (Revised NAAQS Plan)										<u>Ozone</u> Continuing to monitor 8-hr Ozone NAAQS. On 6/2/03, EPA published proposed 8-hr Ozone NAAQS rule. On 4/30/04, EPA published area designations and classifications for 8-hr Ozone NAAQS (Kansas City as Unclassifiable/Attainment and St. Louis as Moderate). On 9/27/04, submitted latest Clean Air Act Section 110 Plan commitment letter to EPA. On 12/21/04, submitted letter to EPA to certify monitoring data and to recommend Kansas City be designated Attainment for 8-hr Ozone NAAQS. On 5/3/05, EPA redesignated Kansas City as Attainment for 8-hr Ozone NAAQS. Final rule effective 6/2/05. EPA developing Implementation Rule.
										<u>PM2.5</u> Continuing to monitor PM2.5. On 9/27/04, submitted latest Clean Air Act Section 110 Plan commitment letter to EPA. On 1/5/05, EPA published area designations/classifications for Fine Particle NAAQS (St. Louis as Unclassifiable/Attainment). EPA developing Implementation Rule.

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Plan Commitment	Plan Submitted to EPA *	EPA's Plan Completion Finding *	EPA's Plan Approval Finding *	Sanction Clock Date **		Sanctions				Comments
						EPA Impose 2:1 Emissions Offset Ratio (18 mos after clock start)		EPA Withholds Highway Funds (24 mos after clock start)		
				Start	Stop	Start	Stop	Start	Stop	
Missouri SIP (Regional Haze Plan)										Final federal regional haze rule published 7/1/99. Final rule SIP submittal deadline May 2008. Tasks complete: previous yrs grant applications (EPA approved), RPB structure/budget, by-laws, articles of incorporation, individual workgroup plans, and workgroup chairs guidelines. Leanne Tippet Mosby appointed to Policy Oversight Group. On 11/15/04, Best Available Retrofit Technology (BART) survey sent to industries to determine affected BART sources. 14 sources identified as potential BART eligible (8 of the 14 are electric utilities). For individual workgroup progress, see Web site www.cenrap.org. Attended CENRAP workgroup mtg 8/1/05-8/4/05 and discussed emissions and air quality modeling updates. See Attachment A for schedule timeline.
Missouri SIP (New Source Review (NSR) Reform)										On 12/31/02, EPA published final New Source Review (NSR) Reform rule. In 2003, New York and other states challenged rule objecting to the actual-to-projected-actual emission test rather than the potential-to-potential emissions test. On 6/24/05, US Appeals Court (DC Circuit) ruled to: (1) uphold use of past actual-to-projected future actual emissions, a 10-yr lookback for selecting 2-yr baseline and plantwide applicability limits; (2) vacate the Clean Unit applicability test and the Pollution Control Project exemption; and (3) remand recordkeeping provisions back to EPA for explanation or appropriate alternative. Draft rule 60-day public comment period ended 8/25/05. SIP submittal deadline 1/2/06.
Missouri SIP (Clean Air Interstate Rule and Clean Air Mercury Rule)										On 3/15/05, EPA issued the Clean Air Interstate Rule (CAIR) to reduce air pollution that moves across state boundaries, and EPA issued the Clean Air Mercury Rule (CAMR) to permanently cap and reduce mercury emissions from coal-fired power plants. On 06/27/05, EPA Region 5 & 7 states workgroup met to discuss rule implementation issues and model rule. On 6/30/05, electrical utilities workgroup met to discuss rule implementation issues, model rule and rule development. On 8/1/05, EPA announced Federal Implementation Plan (FIP) to Reduce Interstate Transport of Fine Particulate Matter and Ozone and proposed May-06 CAIR FIP (CAIR FIP would implement federal regional trading program similar to CAIR's SO ₂ /NO _x allowing SIP development w/FIP revocation or partial SIP implementation w/FIP remaining in place). On 8/17/05, workgroup mtg to discuss process of developing responses from Missouri. Next workgroup mtg scheduled 9/14/05.

Note: Shaded blocks indicate changes and/or additions from previous report.

* Failure to meet any of these dates or Plan requirements, starts the 18 month sanction clock.
If requirement is not met within 18 months, the 2:1 emissions offset ratio sanction is imposed.
If requirement is still not met within 24 months, the sanction that withholds highway funds is imposed.

** Sanction clock starts with: 1) EPA letter to Governor for failure to submit or finding of incompleteness; or 2) EPA Federal Register final notice of Plan disapproval or nonimplementation.
Sanction clock stops with EPA letter to department director of finding of completeness.

Updated as of 09/07/05 (bdv)

2005 Missouri Air Quality

St. Louis 8-Hour Ozone

Monitoring data collected by the Department of Natural Resources (DNR) and the Illinois Environmental Protection Agency (IEPA) indicates that St. Louis continues to be in violation of the National Ambient Air Quality Standard (NAAQS) for 8-hour Ozone. The standard is any value greater than 0.08 parts per million (ppm), calculated from averaging the fourth highest value from three consecutive years.

- Among current sites, eight were in violation for 2001-2003 and seven sites for 2002-2004.
- For 2003-2005, only two sites are in violation (through September 13).
Orchard Farm, MO .086 ppm
West Alton, MO .085 ppm

Fine Particulate Matter

Monitoring data collected by DNR and IEPA indicate that St. Louis is in violation of the annual NAAQS Fine Particulate Matter (PM_{2.5}). The annual PM_{2.5} standard is 15.0 µg/m³, based on a three year average of the annual mean concentration at each site.

- Between 2002 and 2004, two sites are in violation of the standard.
Granite City, IL 16.9 µg/m³
E. St. Louis, IL 15.4 µg/m³
- Currently, none of the Missouri Sites are in violation of the annual standard. The 3-yr averages have steadily decreased since 1999.

1999-2001	Blair St.	16.3 µg/m ³
2000-2002	Blair St.	15.7 µg/m ³
2001-2003	Blair St.	14.9 µg/m ³
2002-2004	S. Broadway	14.4 µg/m ³
- The EPA is considering changing the levels of the PM_{2.5} standards. By court order, the rule will be proposed in December 2005 and finalized in September 2006. Based on the EPA Review Team's recommendations, the revised standards will likely be lower than the current NAQQS.

Lead

The quarterly lead NAAQS standard is $1.5 \mu\text{g}/\text{m}^3$.

- After ten consecutive quarters in compliance with the standard, the Broad St. site recorded a quarterly concentration of $1.9 \mu\text{g}/\text{m}^3$ for the first quarter of 2005.
- A second violation, $1.6 \mu\text{g}/\text{m}^3$, was recently recorded at the Doe Run Broad St. site for 2nd Quarter, 2005. Notices of Violation were issued for both quarters, triggering the need for additional contingency measures and a production cap.

Particulate Matter (PM₁₀)

The 24-hour PM₁₀ NAAQS standard is $150 \mu\text{g}/\text{m}^3$.

- Two sites in Missouri, North Market in St. Louis and Carthage, are in violation of the PM₁₀ 24-hour standard. Both sites have shown improvement in 2003 through 2005, although the North Market site continues to have occasional exceedances.
- By court order, EPA is revising the NAAQS for PM₁₀. The PM₁₀ standard used in the past double-counts the fine particulate fraction and will be replaced by a PM Coarse standard. This will regulate particles between 2.5 and 10 micrograms in diameter.

Hydrogen Sulfide

Since September 1st, 2005 there have been several instances of high Hydrogen Sulfide (H₂S) concentrations at the Mercer monitoring site. Standards are: .03 ppm, not to be exceeded over two times in any five-day period, and .05 ppm, not to be exceeded over two times in any calendar year.

- On September 1st and 2nd three exceedances of the State standard of .03 ppm for a thirty minute period were monitored, constituting a violation.
- Two more exceedances were monitored on September 7th, one a high of .058 ppm.
- An NOV has been issued to Premium Standard Farms for this violation.

SO₂, NO₂, & CO

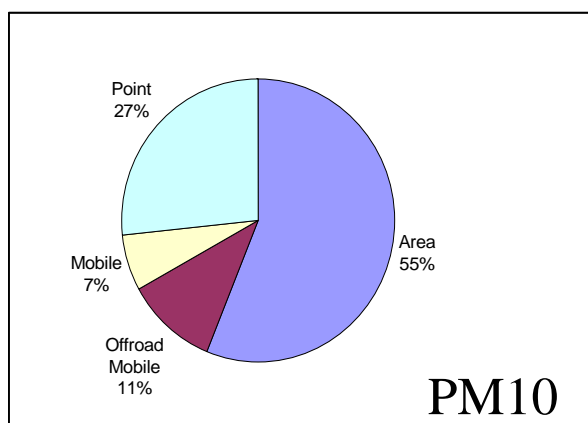
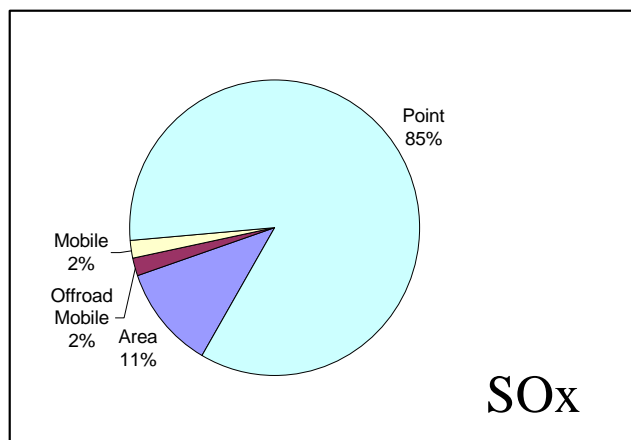
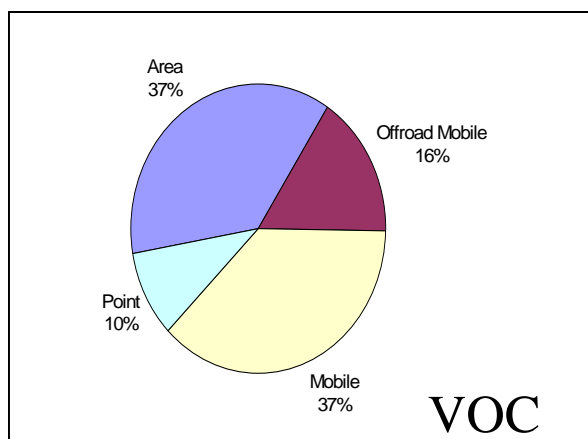
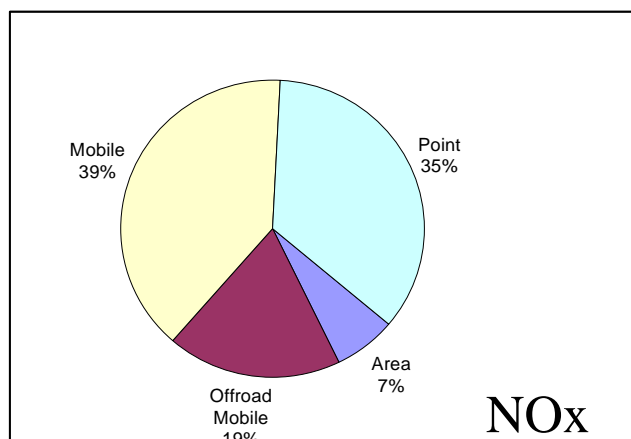
Missouri is in compliance with the NAAQS for sulfur dioxide, nitrogen dioxide, and carbon monoxide in 2005.

Emission Sources Contribution

The charts below show the relative contribution of emissions sources by point, area, mobile, and offroad mobile sources within the St. Louis nonattainment area.

VOC and NO_x are precursors for ground level ozone. For NO_x emissions, the mobile sources are the largest emitters with 39 percent, followed closely by the point sources at 35 percent. For VOCs, the mobile and the area sources both contributed about 37 percent of the VOC emissions.

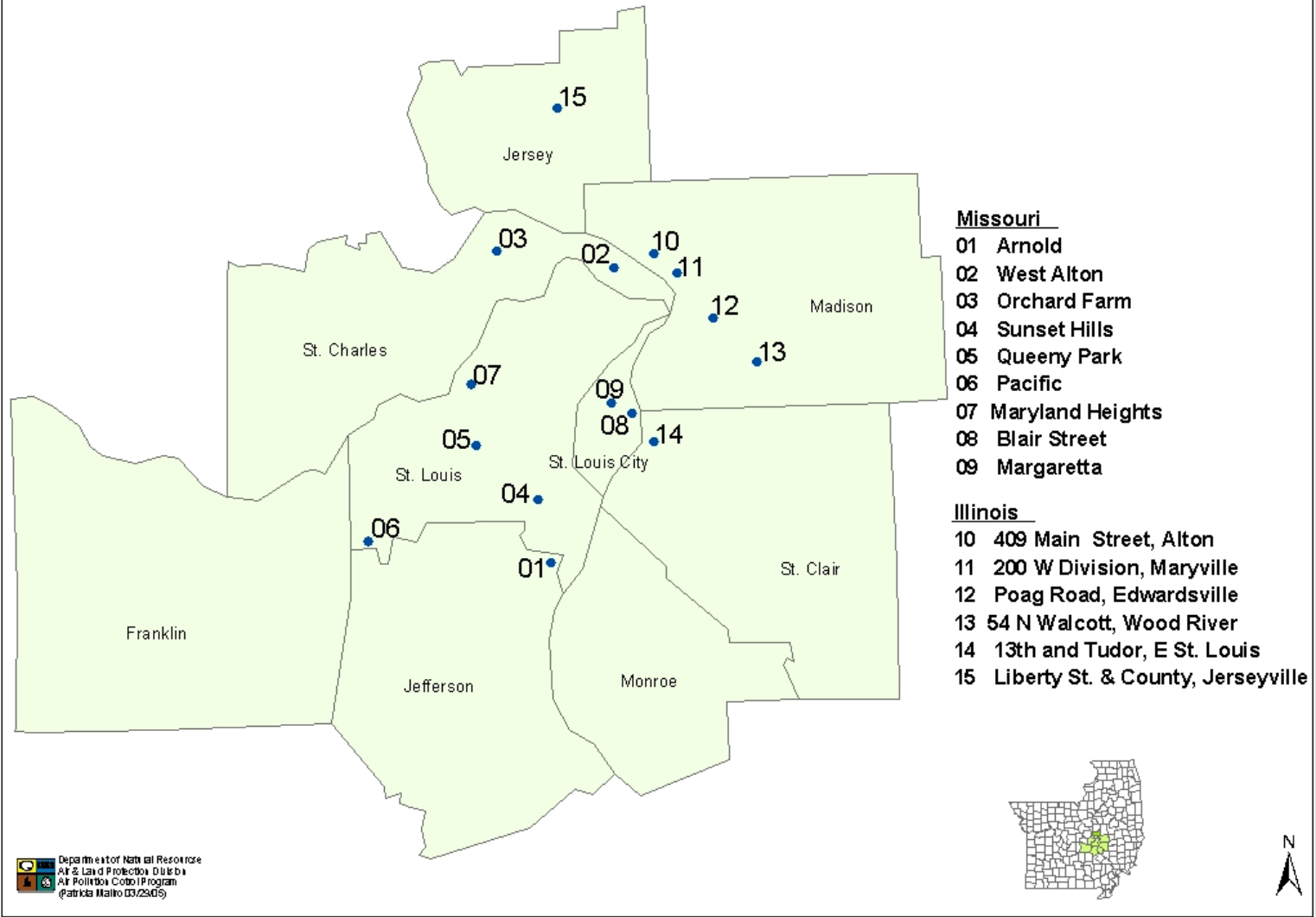
SO₂ and NO_x are the precursors of PM_{2.5}. For SO₂, the point sources are responsible for approximately 85 percent of emissions. The largest SO₂ point source emitters are mainly utility and industry coal-fired boilers. For PM₁₀, the area source category has the largest percentage of emissions at 55 percent, followed by the point sources at 27 percent.



Top Ten Facilities per Pollutant

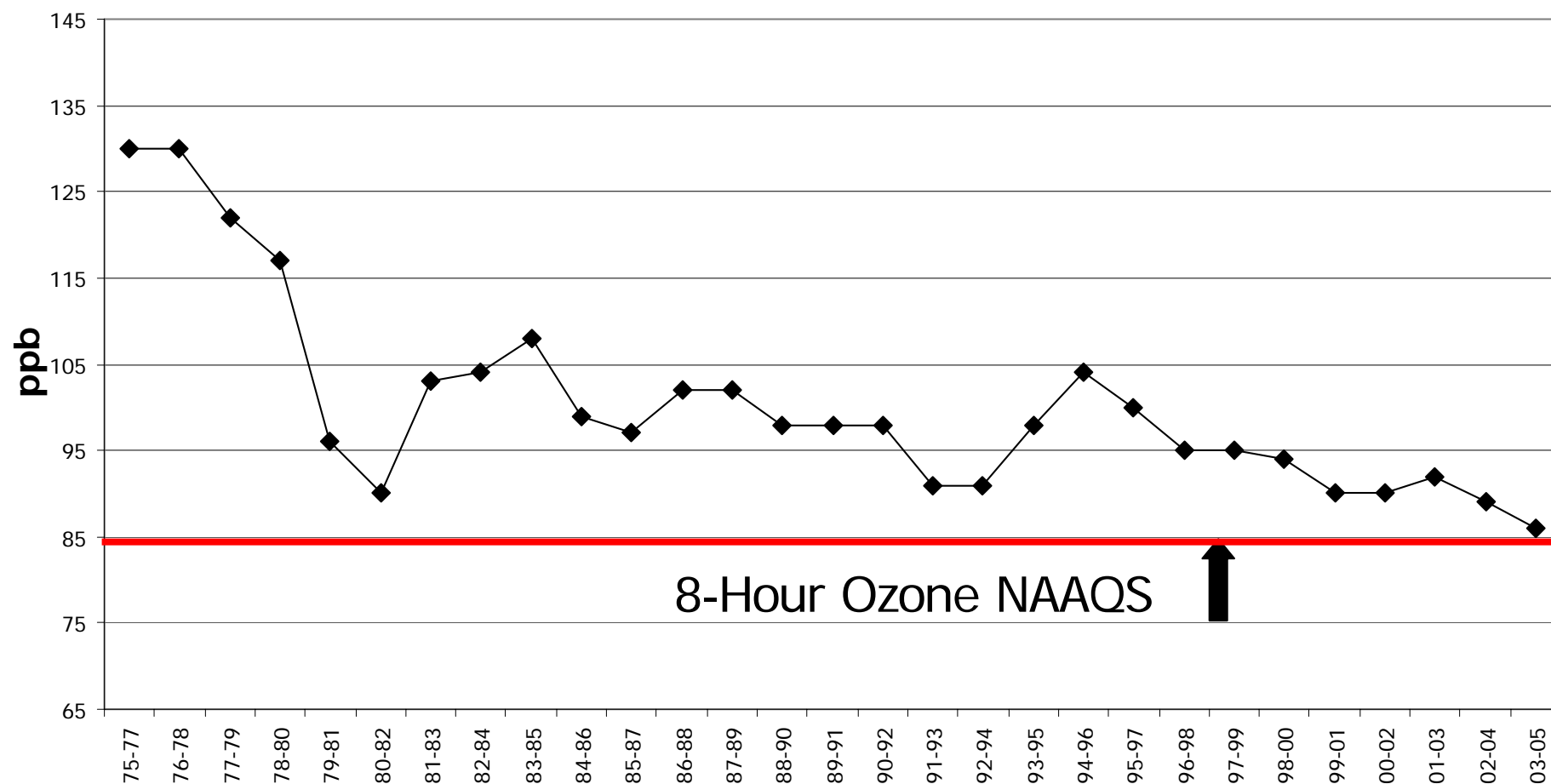
County	Company Name	NOx
New Madrid	ASSOCIATED ELECTRIC COOPERATIVE INC - NEW MADRID PLANT	36882.50
Randolph	ASSOCIATED ELECTRIC COOPERATIVE INC - THOMAS HILL PLANT	18023.09
St. Charles	AMERENUE - SIOUX PLANT	14093.21
Jackson	AQUILA INC - SIBLEY GENERATING PLANT	12326.16
St. Louis	AMERENUE - MERAMEC PLANT	9451.50
Franklin	AMERENUE - LABADIE PLANT	7819.75
Platte	KANSAS CITY POWER & LIGHT CO - IATAN GENERATING STATION	7350.34
Pike	HOLCIM (US) INC - CLARKSVILLE	6206.67
Jasper	EMPIRE DISTRICT ELECTRIC CO - ASBURY PLANT	6077.61
Henry	KANSAS CITY POWER & LIGHT CO - MONTROSE GENERATING STATION	5630.37
County	Company Name	SOx
Franklin	AMERENUE - LABADIE PLANT	47607.85
St. Charles	AMERENUE - SIOUX PLANT	45957.40
Iron	DOE RUN COMPANY - GLOVER SMELTER	43764.16
Jefferson	AMERENUE - RUSH ISLAND PLANT	23257.80
St. Louis	AMERENUE - MERAMEC PLANT	16453.77
Henry	KANSAS CITY POWER & LIGHT CO - MONTROSE GENERATING STATION	15825.42
New Madrid	ASSOCIATED ELECTRIC COOPERATIVE INC - NEW MADRID PLANT	15797.88
Jefferson	DOE RUN COMPANY - HERCULANEUM SMELTER	15223.35
Randolph	ASSOCIATED ELECTRIC COOPERATIVE INC - THOMAS HILL PLANT	15221.05
Platte	KANSAS CITY POWER & LIGHT CO - IATAN GENERATING STATION	14853.01
County	Company Name	VOC
Clay	FORD MOTOR CO - KANSAS CITY	2321.73
St. Louis City	JW ALUMINUM	2237.30
Pike	HOLCIM (US) INC - CLARKSVILLE	1751.10
Carter	ROYAL OAK ENTERPRISES - ELLSINORE DIVISION PLANT	1698.95
Shannon	CRAIG INDUSTRIES INC - SUMMERSVILLE PLANT	1462.90
St. Louis	FORD MOTOR CO - HAZELWOOD	929.77
St. Charles	GENERAL MOTORS - WENTSVILLE CENTER	885.29
St. Louis	CHRYSLER CORP - NORTH PLANT	750.01
St. Louis	CHRYSLER ASSEMBLY PLANT 1 - FENTON	665.03
Howell	GARNETT WOOD PRODUCTS - CHARCOAL PLANT	637.09

St. Louis Ozone Nonattainment Area Monitoring Sites, 2005



St. Louis MSA 8-hr Ozone Design Values

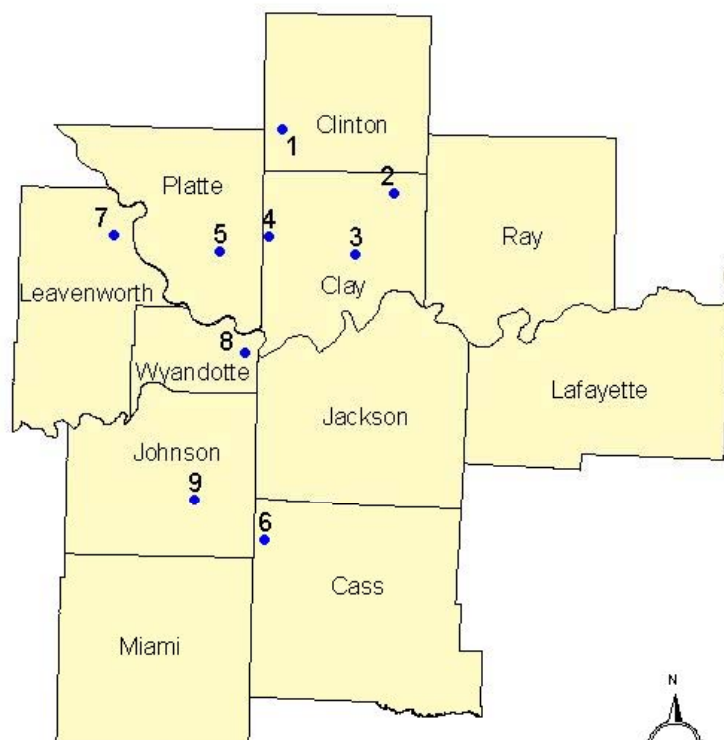
Design Value of Highest Site for Each 3-yr Period



St. Louis MSA 8-hour Design Values

	4th High 8-hr Average (ppb)					Design Value		
<i>Missouri</i>	2001	2002	2003	2004	2005	00-02	01-03	02-04
Arnold	86	93	82	70	92	87	81	81
West Alton	85	99	91	77	89	91	89	85
Orchard Farm	88	98	90	76	92	92	88	86
Blair St.					89			na
Margaretta	80	98	90	72	91	89	86	84
Sunset Hills	88	98	88	70	89	91	85	82
Queeny Park	84	94	86	67	82	88	82	78
Maryland Hts					88			na
Pacific					87			na
Bonne Terre	75	92	83	70	84	83	81	79
Foley					89			na
<i>Illinois</i>								
Jerseyville	84	100	83	73	83	89	85	79
Alton	82	94	89	74	91	88	85	84
Maryville	73	90	88	78	88	83	85	84
Wood River	78	84	83	73	87	81	80	81
Houston	77	85	77	64	74	79	75	71
East St. Louis	78	93	79	73	94	83	81	82

Kansas City Area Ozone Monitoring Sites

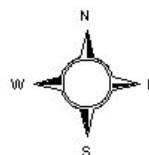


Missouri
01 Trimble
02 Watkins Mill
03 Liberty
04 Rocky Creek
05 KCI Airport
06 RG - South

Kansas
07 US Penitentiary
08 JFK - Core
09 Heritage Park



Missouri Department of
Natural Resources
Air and Land Protection Division
Air Pollution Control Program
Cartography by Thomas Adams 9/13/2004



Kansas City MSA 8-hour Design Values

4th High 8-hr Average (ppb)

Design Value

Missouri

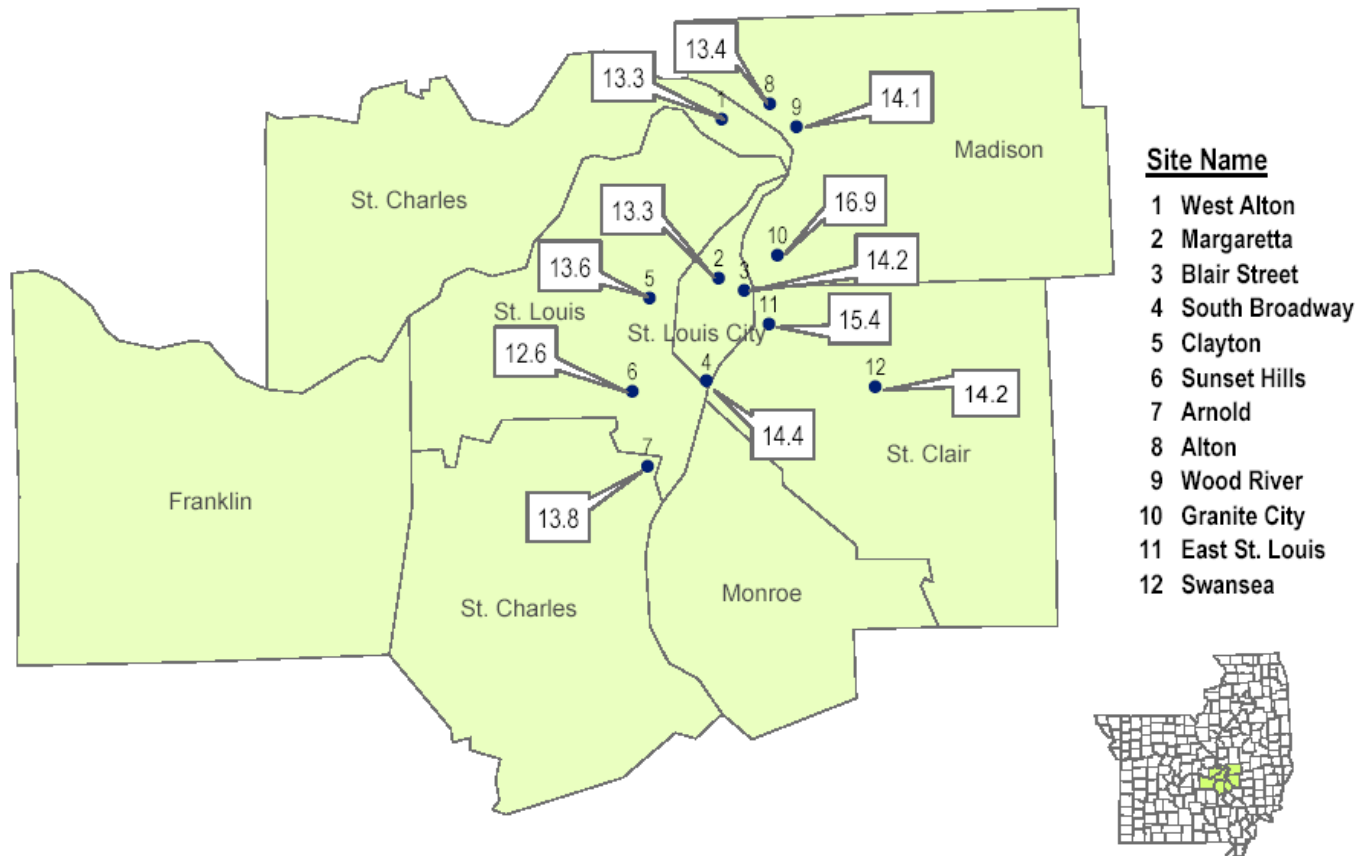
	2001	2002	2003	2004	2005	00-02	01-03	02-04
Liberty	79	87	88	71	88	84	82	82
Watkins Mill	73	83	85	67	79	80	78	77
Rocky Creek		91	88	69	87	na	na	81
RG South	72	83	82	61	81	79	75	74
KCI	79	85	76	70	86	80	77	77
Trimble				71	87			79

Kansas

Wyandotte CO	76	80	84	63	79	80	75	75
U.S Penitentiary			82	66	77			75
Heritage Park			81	66	81			76

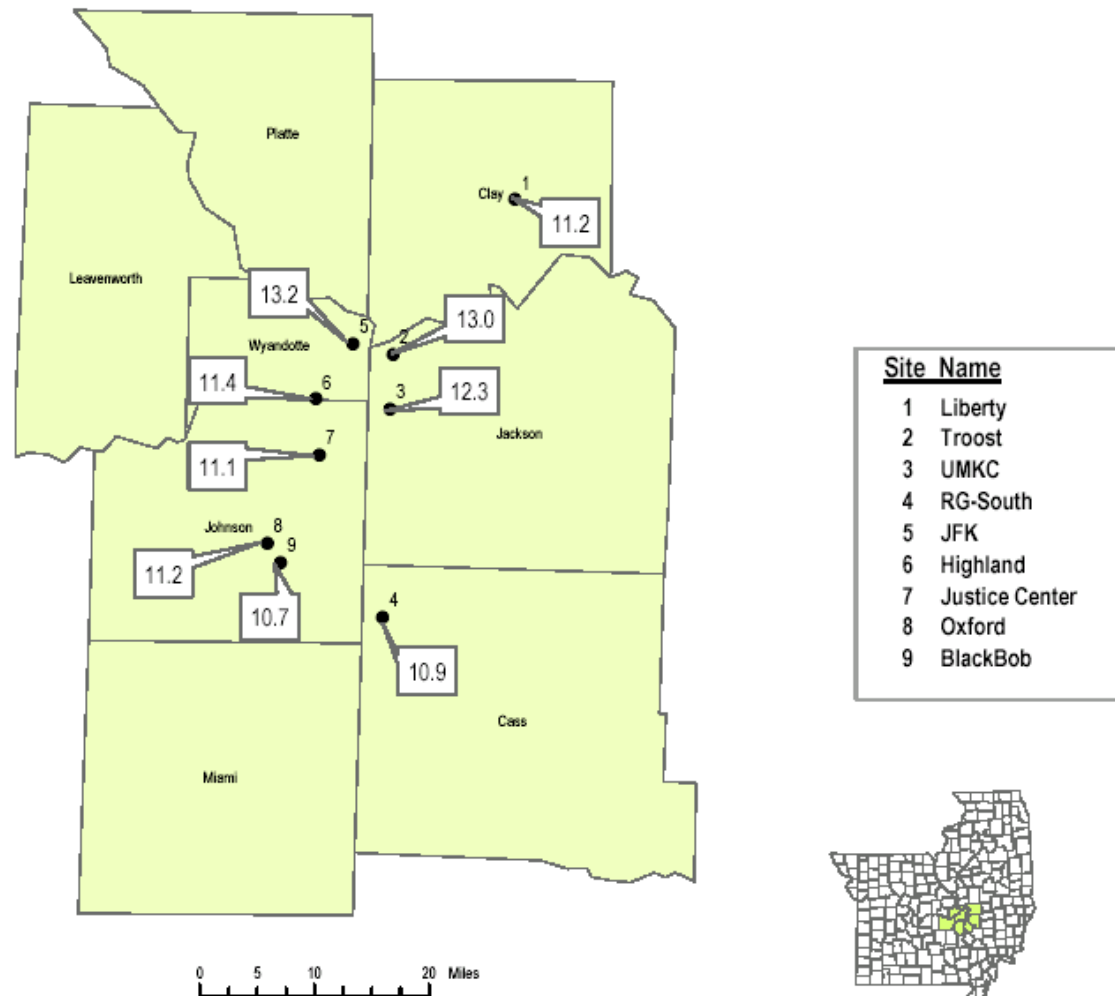
Spatial Distribution of PM_{2.5} in the St. Louis Area

2002 - 2004 Average Concentration in Micrograms per Cubic Meter

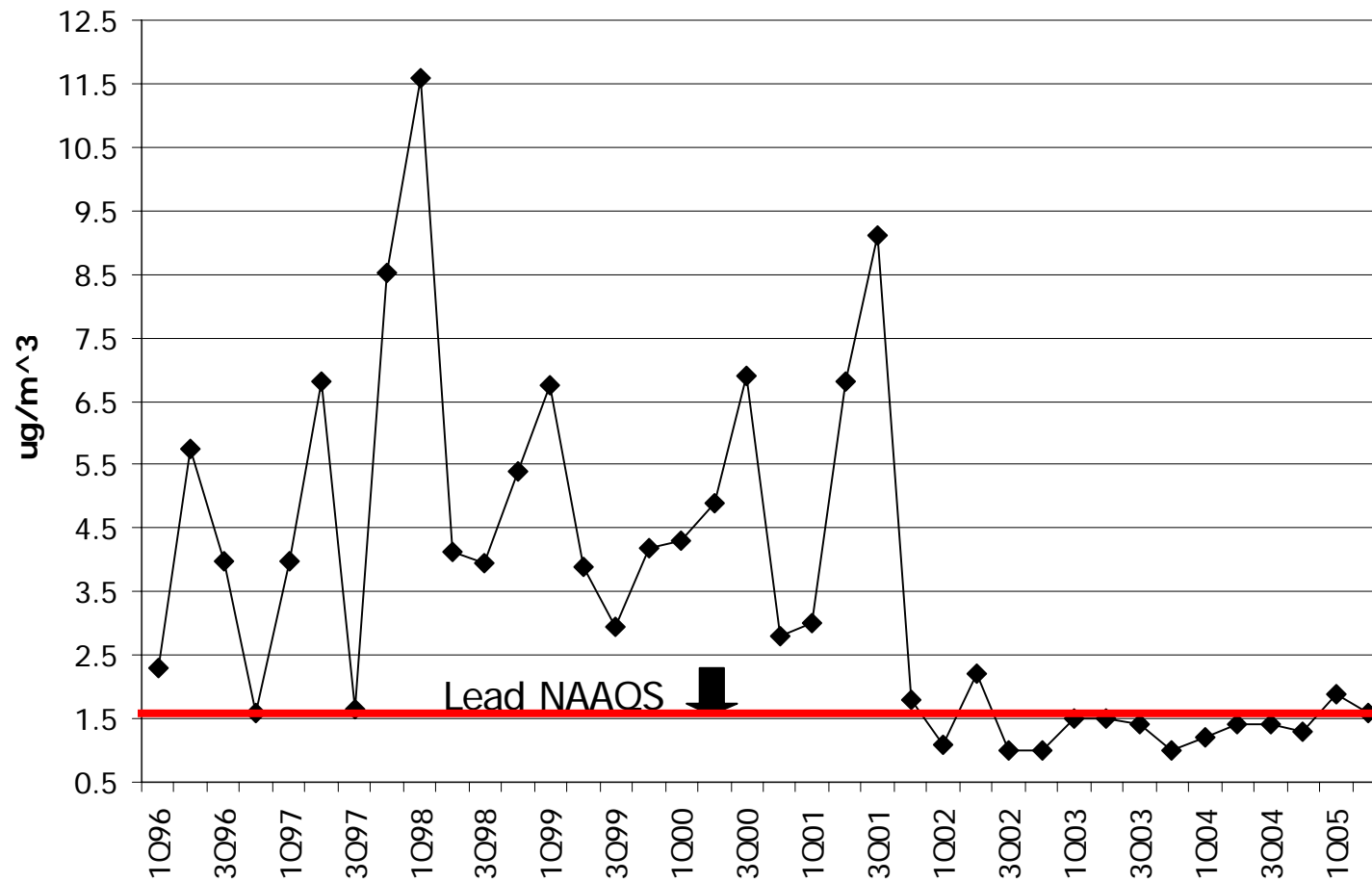


Spatial Distribution of PM_{2.5} in the Kansas City Area

2002 - 2004 Average Concentration in Micrograms per Cubic Meter



Doe Run Herculaneum Smelter – Broad Street Site



Inspections by Station from July 1 through July 31

Station #	Station Name	Lanes	Vehicles Inspected	Per Lane Per Day	Average Wait Time*
1	West St. Charles County	3	3718	47.67	4.09
2	East St. Charles County	3	5711	73.22	4.84
3	North County - Florissant	4	7720	74.23	7.24
4	West County - Chesterfield	2	2914	56.04	1.76
5	Mid County - Olivette	5	7935	61.04	8.71
6	North City - West Florissant	3	2642	33.87	2.03
7	West County - Manchester	4	6529	62.78	7.03
8	South City - South Kingshighway	5	8452	65.02	10.51
9	North Jefferson - Arnold	4	9020	86.73	8.55
10	South Jefferson - Herculaneum	2	3373	64.87	3.75
11	North Franklin - Union	4	1871	17.99	
12	South Franklin - St. Clair	2	764	14.69	
15	Mobile Van -	1	328	12.62	
16	Mobile Van -	1	581	22.35	
Total for Month			61,558		5.85
Overall Fail Rate for Month			8%		
Passed on 1st retest for Month			54%		
Total Waivers Issued for Month			100		
RSD			9,169		
Hybird			5,013		
Total RapidScreen for Month			14,182		
Grand Total for Month			75,740		

*Calculated from the time ticket is taken until position in front of station lane door

Inspections by Station from Aug 1 through Aug 31

Station #	Station Name	Lanes	Vehicles Inspected	Per Lane Per Day	Average Wait Time*
1	West St. Charles County	3	3968	50.87	4.00
2	East St. Charles County	3	6320	81.03	4.46
3	North County - Florissant	4	8172	78.58	5.38
4	West County - Chesterfield	2	2937	56.48	2.03
5	Mid County - Olivette	5	8248	63.45	5.45
6	North City - West Florissant	3	3028	38.82	1.62
7	West County - Manchester	4	6585	63.32	5.56
8	South City - South Kingshighway	5	9781	75.24	11.02
9	North Jefferson - Arnold	4	9503	91.38	7.99
10	South Jefferson - Herculaneum	2	3895	74.90	3.81
11	North Franklin - Union	4	2037	19.59	
12	South Franklin - St. Clair	2	819	15.75	
15	Mobile Van -	1	264	10.15	
16	Mobile Van -	1	636	24.46	

Total for Month

66,193

5.13

Overall Fail Rate for Month

8%

Passed on 1st retest for Month

56%

Total Waivers Issued for Month

107

RSD

9,509

Hybird

5,390

Total RapidScreen for Month

14,899

Grand Total for Month

81,092

*Calculated from the time ticket is taken until position in front of station lane door



GATEWAY CLEAN AIR PROGRAM
WEEKLY UPDATE
 As of August 13, 2005
*The goal of the Gateway Clean Air Program is to improve
 St. Louis air quality.*



	Week of August 8-13, 2005	Since April 5, 2000
Number of passing tests and retests in the enhanced area:	11,034	2,719,443
Number of waivers (enhanced area):	22	33,109
Number of passing tests and retests in Franklin County:	661	256,094
Number of waivers (Franklin Co.):	0	1,510
RapidScreen notices redeemed:	3,493	819,861
Total number of vehicles (passing, waived or RapidScreened) through system:	15,210	3,830,017
RapidScreen notices mailed (through Sept. 2005 registrants):	73,050	1,130,013
Initial failure rate (primary fail only - does not include retest failures); historical AVG represents failures through 12/31/04:	7.69%	11.71%
Number of vehicles passing initial retest (network wide); historical AVG represents info through 12/31/04:	829 (56%)	155,030(61%)

Average wait times (enhanced testing area):	5.03 Min. (overall average)	6.49 Min. (75-day average)
West St. Charles County	3.67 Min.	4.02 Min.
East St. Charles County	4.12 Min.	4.95 Min.
North County – Florissant	3.98 Min.	6.98 Min.
West County – Chesterfield	1.99 Min.	1.79 Min.
Mid County – Olivette	4.47 Min.	8.64 Min.
North City – West Florissant	1.24 Min.	2.21 Min.
West County – Manchester	4.68 Min.	5.62 Min.
South City – South Kingshighway	9.87 Min.	10.20 Min.
North Jefferson County – Arnold	5.67 Min.	6.94 Min.
South Jefferson Co. – Herculaneum	3.68 Min.	3.40 Min.

Average Wait Times at the Enhanced Stations Since Program Start (in minutes): 8.22 Min. Overall AVG.

	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
2005	5	7	5	4	5	6	7	6				
2004	7	9	6	5	5	6	7	6	5	5	5	4
2003	5	7	7	8	10	10	11	12	9	7	7	6
2002	10	21	17	12	11	13	14	12	12	8	6	5
2001	9	14	13	10	11	14	14	13	14	10	9	7
2000	N/A	N/A	N/A	11	20	24	12	5	9	7	6	5

Miscellaneous:

Damage claims

This week (August 8-13, 2005) damage claims were filed for 0.05% of vehicles tested. Since program start, damage claims have been filed for approximately 0.09% of all vehicles tested.

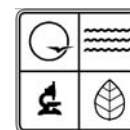
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Gateway Clean Air Program Information line - Toll Free: 1-888-748-1AIR (1247)

Web site: www.gatewaycleanair.com



GATEWAY CLEAN AIR PROGRAM
WEEKLY UPDATE
 As of August 20, 2005
*The goal of the Gateway Clean Air Program is to improve
 St. Louis air quality.*



**Missouri
Department
of Natural
Resources**

	Week of August 15-20, 2005	Since April 5, 2000
Number of passing tests and retests in the enhanced area:	11,168	2,730,611
Number of waivers (enhanced area):	17	33,126
Number of passing tests and retests in Franklin County:	834	256,928
Number of waivers (Franklin Co.):	1	1,511
RapidScreen notices redeemed:	2,718	822,579
Total number of vehicles (passing, waived or RapidScreened) through system:	14,738	3,844,755
RapidScreen notices mailed (through Sept. 2005 registrants):	N/A	1,130,013
Initial failure rate (primary fail only - does not include retest failures); historical AVG represents failures through 12/31/04:	7.78%	11.71%
Number of vehicles passing initial retest (network wide); historical AVG represents info through 12/31/04:	857 (58%)	155,887 (61%)

Average wait times (enhanced testing area):	5.54 Min. (overall average)	6.43 Min. (75-day average)
West St. Charles County	4.07 Min.	3.98 Min.
East St. Charles County	4.82 Min.	4.85 Min.
North County – Florissant	4.48 Min.	6.93 Min.
West County – Chesterfield	1.98 Min.	1.81 Min.
Mid County – Olivette	4.11 Min.	8.17 Min.
North City – West Florissant	1.20 Min.	2.17 Min.
West County – Manchester	5.39 Min.	5.71 Min.
South City – South Kingshighway	8.01 Min.	10.38 Min.
North Jefferson County – Arnold	8.99 Min.	7.16 Min.
South Jefferson Co. – Herculaneum	4.39 Min.	3.52 Min.

Average Wait Times at the Enhanced Stations Since Program Start (in minutes): 8.21 Min. Overall AVG.

	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
2005	5	7	5	4	5	6	7	6				
2004	7	9	6	5	5	6	7	6	5	5	5	4
2003	5	7	7	8	10	10	11	12	9	7	7	6
2002	10	21	17	12	11	13	14	12	12	8	6	5
2001	9	14	13	10	11	14	14	13	14	10	9	7
2000	N/A	N/A	N/A	11	20	24	12	5	9	7	6	5

Miscellaneous:

Damage claims

This week (August 15-20, 2005) damage claims were filed for 0.04% of vehicles tested. Since program start, damage claims have been filed for approximately 0.09% of all vehicles tested.

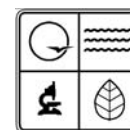
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GATEWAY CLEAN AIR PROGRAM
WEEKLY UPDATE
 As of August 27, 2005
*The goal of the Gateway Clean Air Program is to improve
 St. Louis air quality.*



**Missouri
Department
of Natural
Resources**

	Week of August 22-27, 2005	Since April 5, 2000
Number of passing tests and retests in the enhanced area:	11,765	2,742,376
Number of waivers (enhanced area):	18	33,144
Number of passing tests and retests in Franklin County:	858	257,786
Number of waivers (Franklin Co.):	0	1,511
RapidScreen notices redeemed:	2,057	824,636
Total number of vehicles (passing, waived or RapidScreened) through system:	14,698	3,859,453
RapidScreen notices mailed (through Sept. 2005 registrants):	N/A	1,130,013
Initial failure rate (primary fail only - does not include retest failures); historical AVG represents failures through 12/31/04:	8.53%	11.71%
Number of vehicles passing initial retest (network wide); historical AVG represents info through 12/31/04:	983 (57%)	156,870 (61%)

Average wait times (enhanced testing area):	6.94 Min. (overall average)	6.42 Min. (75-day average)
West St. Charles County	4.12 Min.	3.84 Min.
East St. Charles County	4.57 Min.	4.68 Min.
North County – Florissant	6.88 Min.	6.72 Min.
West County – Chesterfield	2.11 Min.	1.83 Min.
Mid County – Olivette	5.33 Min.	7.83 Min.
North City – West Florissant	1.32 Min.	1.99 Min.
West County – Manchester	6.91 Min.	5.93 Min.
South City – South Kingshighway	13.29 Min.	10.57 Min.
North Jefferson County – Arnold	9.35 Min.	7.38 Min.
South Jefferson Co. – Herculaneum	3.58 Min.	3.54 Min.

Average Wait Times at the Enhanced Stations Since Program Start (in minutes): 8.21 Min. Overall AVG.

	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
2005	5	7	5	4	5	6	7	6				
2004	7	9	6	5	5	6	7	6	5	5	5	4
2003	5	7	7	8	10	10	11	12	9	7	7	6
2002	10	21	17	12	11	13	14	12	12	8	6	5
2001	9	14	13	10	11	14	14	13	14	10	9	7
2000	N/A	N/A	N/A	11	20	24	12	5	9	7	6	5

Miscellaneous:

Damage claims

This week (August 22-27, 2005) damage claims were filed for 0.03% of vehicles tested. Since program start, damage claims have been filed for approximately 0.09% of all vehicles tested.

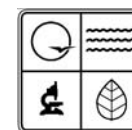
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GATEWAY CLEAN AIR PROGRAM
WEEKLY UPDATE
 As of September 3, 2005
*The goal of the Gateway Clean Air Program is to improve
 St. Louis air quality.*



**Missouri
Department
of Natural
Resources**

	Week of Aug. 29-Sept. 3, 2005	Since April 5, 2000
Number of passing tests and retests in the enhanced area:	11,553	2,753,929
Number of waivers (enhanced area):	27	33,171
Number of passing tests and retests in Franklin County:	818	258,604
Number of waivers (Franklin Co.):	5	1,516
RapidScreen notices redeemed:	2,696	827,332
Total number of vehicles (passing, waived or RapidScreened) through system:	15,099	3,874,552
RapidScreen notices mailed (through Sept. 2005 registrants):	N/A	1,130,013
Initial failure rate (primary fail only - does not include retest failures); historical AVG represents failures through 12/31/04:	9.40%	11.71%
Number of vehicles passing initial retest (network wide); historical AVG represents info through 12/31/04:	1,115 (55%)	157,985 (61%)

Average wait times (enhanced testing area):	6.62 Min. (overall average)	6.39 Min. (75-day average)
West St. Charles County	4.60 Min.	3.91 Min.
East St. Charles County	4.70 Min.	4.42 Min.
North County – Florissant	6.14 Min.	6.64 Min.
West County – Chesterfield	2.08 Min.	1.86 Min.
Mid County – Olivette	5.67 Min.	7.31 Min.
North City – West Florissant	2.00 Min.	1.89 Min.
West County – Manchester	4.98 Min.	6.08 Min.
South City – South Kingshighway	12.42 Min.	10.63 Min.
North Jefferson County – Arnold	9.72 Min.	7.68 Min.
South Jefferson Co. – Herculaneum	3.57 Min.	3.55 Min.

Average Wait Times at the Enhanced Stations Since Program Start (in minutes): 8.23 Min. Overall AVG.

	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
2005	5	7	5	4	5	6	7	6	6			
2004	7	9	6	5	5	6	7	6	5	5	5	4
2003	5	7	7	8	10	10	11	12	9	7	7	6
2002	10	21	17	12	11	13	14	12	12	8	6	5
2001	9	14	13	10	11	14	14	13	14	10	9	7
2000	N/A	N/A	N/A	11	20	24	12	5	9	7	6	5

Miscellaneous:

Damage claims

This week (August 29-September 3, 2005) damage claims were filed for 0.03% of vehicles tested. Since program start, damage claims have been filed for approximately 0.09% of all vehicles tested.

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GATEWAY CLEAN AIR PROGRAM
WEEKLY UPDATE
 As of September 10, 2005
*The goal of the Gateway Clean Air Program is to improve
 St. Louis air quality.*



	Week of Sept. 5-10, 2005	Since April 5, 2000
Number of passing tests and retests in the enhanced area:	8,593	2,762,522
Number of waivers (enhanced area):	28	33,199
Number of passing tests and retests in Franklin County:	671	259,275
Number of waivers (Franklin Co.):	1	1,517
RapidScreen notices redeemed:	3,531	830,863
Total number of vehicles (passing, waived or RapidScreened) through system:	12,824	3,887,376
RapidScreen notices mailed (through Sept. 2005 registrants):	N/A	1,130,013
Initial failure rate (primary fail only - does not include retest failures); historical AVG represents failures through 12/31/04:	8.27%	11.71%
Number of vehicles passing initial retest (network wide); historical AVG represents info through 12/31/04:	736 (54%)	158,721 (61%)

Average wait times (enhanced testing area):	5.62 Min. (overall average)	6.38 Min. (75-day average)
West St. Charles County	2.95 Min.	3.93 Min.
East St. Charles County	4.00 Min.	4.43 Min.
North County – Florissant	6.78 Min.	6.55 Min.
West County – Chesterfield	1.59 Min.	1.87 Min.
Mid County – Olivette	5.58 Min.	6.97 Min.
North City – West Florissant	1.38 Min.	1.88 Min.
West County – Manchester	3.85 Min.	6.08 Min.
South City – South Kingshighway	9.92 Min.	10.77 Min.
North Jefferson County – Arnold	7.03 Min.	7.78 Min.
South Jefferson Co. – Herculaneum	4.02 Min.	3.73 Min.

Average Wait Times at the Enhanced Stations Since Program Start (in minutes): 8.23 Min. Overall AVG.

	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
2005	5	7	5	4	5	6	7	6	6			
2004	7	9	6	5	5	6	7	6	5	5	5	4
2003	5	7	7	8	10	10	11	12	9	7	7	6
2002	10	21	17	12	11	13	14	12	12	8	6	5
2001	9	14	13	10	11	14	14	13	14	10	9	7
2000	N/A	N/A	N/A	11	20	24	12	5	9	7	6	5

Miscellaneous:

Damage claims

This week (September 5-10, 2005) damage claims were filed for 0.06% of vehicles tested. Since program start, damage claims have been filed for approximately 0.09% of all vehicles tested.

For more info: If there is additional information you would like to see in our weekly Gateway Clean Air Program Update, please contact the Missouri Department of Natural Resources at (314) 416-2115.

Gateway Clean Air Program Information line - Toll Free: 1-888-748-1AIR (1247)

Web site: www.gatewaycleanair.com

MEMORANDUM

DATE:

TO: Missouri Air Conservation Commission

THROUGH: Daniel R. Schuette, Interim Division Director
Air and Land Protection Division

FROM: Leanne Tippet Mosby, Director
Air Pollution Control Program

SUBJECT: Attorney General's Office Referral Request – Dean Sumpter d/b/a Sumpter & Son Pallet

Mr. Dean Sumpter owns and operates Sumpter & Son Pallet, which is located at 1810 County Rd. 2355, Moberly, Randolph County, MO. On March 22, 2005, the Missouri Department of Natural Resources' Northeast Regional Office issued Notice of Violation (NOV) #0688NE to Mr. Dean Sumpter for the open burning of trade waste. Open burning of trade waste is a violation of Missouri State Air Regulation 10 CSR 10-3.030, "Open Burning Restrictions."

On April 4, 2005, the Air Pollution Control Program (APCP) proposed a \$4,000 settlement. The APCP received no response from Mr. Dean Sumpter by the May 5, 2005, deadline specified in the settlement offer. A second settlement offer was sent on May 12, 2005. On May 13, 2005, Mr. Dean Sumpter contacted Mr. Richard Swartz of the APCP. Mr. Dean Sumpter denied the open burning of pallets took place, and claimed there was no such person as Mr. James Sumpter, whom Ms. Mary Hopke of the Northeast Regional Office (NERO) claims to have spoke to on site.

On May 18, Mr. Swartz contacted Ms. Hopke. Ms. Hopke verified she spoke with a Mr. James Sumpter at the site. Mr. James Sumpter claimed to be the brother of Mr. Dean Sumpter. Ms. Hopke verified Mr. James Sumpter was burning the pallets as an employee of Sumpter & Son Pallet. Ms. Abbie Stockett of the NERO also witnessed the open burning.

Subsequently Mr. Swartz tried to contact Mr. Dean Sumpter on three separate occasions, May 18, May 31, and June 9, 2005. Mr. Swartz left messages for Mr. Dean Sumpter, requesting he call back. As of the date of this memo Mr. Dean Sumpter has not contacted the APCP.

Missouri Air Conservation Commission
Page Two

In February of 2003, NERO personnel warned Mr. Dean Sumpter that the open burning of trade waste is illegal.

In light of the failure to resolve the violation with conference, conciliation and persuasion, the APCP is requesting authority to refer the case to the Attorney General's Office. I recommend approval of this action.

LTM:rsd

Attachment

c: Ms. Abbie Stockett, Northeast Regional Office
Ms. Beth Marsala, Solid Waste Management Program

CONTACT INFORMATION FOR SUMPTER & SON PALLET

Mr. Dean Sumpter
1810 County Rd. 2355
Moberly, MO 65270
(660) 651-9855

MEMORANDUM

DATE:

TO: Missouri Air Conservation Commission

THROUGH: Daniel R. Schuette, Interim Division Director
Air and Land Protection Division

FROM: Leanne Tippet Mosby, Director
Air Pollution Control Program

SUBJECT: Attorney General's Office Referral Request – Jerry Milstead d/b/a Milsteads 131 Drive-In

Jerry Milstead owns and manages Milsteads 131 Drive-In, which is located at 820 Southwest 131 Road, Holden, Johnson County, Missouri. On February 3, 2005, the Missouri Department of Natural Resources' Kansas City Regional Office issued Notice of Violation (NOV) #2185KC to Mr. Milstead for the open burning of trade waste. Open burning of trade waste is a violation of Missouri State Air Regulation 10 CSR 10-3.030, "Open Burning Restrictions."

On March 22, 2005, the Air Pollution Control Program (APCP) proposed a \$2,000 settlement. The settlement offer was returned to our office as unclaimed. A second settlement offer was sent on April 20, 2005, by non-certified mail. The APCP received no response from Mr. Milstead by the May 23, 2005, deadline specified in the second settlement offer. On June 1, 2005, Mr. Richard Swartz of the APCP attempted to contact Mr. Milstead by telephone. Mr. Swartz spoke with a woman who indicated Mr. Milstead would be back in 45 to 50 minutes. Mr. Swartz called back at that time but no one answered the telephone. On June 9, 2005, Mr. Swartz left a message on an answering machine for Mr. Milstead, requesting he call back. On July 5, 2005, Mr. Swartz contacted Mr. Milstead by telephone. Mr. Milstead refused to negotiate and hung up the telephone on Mr. Swartz.

In 2004 Mr. Milstead had been warned by Johnson County Community Health Services that it is illegal to burn the trade waste.

Missouri Air Conservation Commission
Page Two

In light of the failure to resolve the violation with conference, conciliation and persuasion, the APCP is requesting authority to refer the case to the Attorney General's Office. I recommend approval of this action.

LTM:rsd

Attachment

c: Richard Vani, Kansas City Regional Office (MM)
Beth Marsala, Solid Waste Management Program

CONTACT INFORMATION FOR MILSTEADS 131 DRIVE-IN

Mr. Jerry Milstead
820 Southwest 131 Rd.
Holden, MO 64040
(816) 732-4622

MEMORANDUM

DATE:

TO: Missouri Air Conservation Commission

THROUGH: Daniel R. Schuette, Interim Division Director
Air and Land Protection Division

FROM: Leanne Tippet Mosby, Director
Air Pollution Control Program

SUBJECT: Attorney General's Office Referral Request – Mr. Rocky Keirn

On July 26, 2004, the Department of Natural Resources Southwest Regional Office (SWRO) received a complaint of unlawful open burning at 1610 Patterson Road, Christian County, Rogersville, Missouri. On July 28, 2004, the SWRO conducted a site investigation and reviewed the Logan-Rogersville Fire Protection District report. The SWRO investigation confirmed illegal open burning took place on July 23, 2004. The SWRO found the burned remains of shingles, wallboard, PVC piping, electrical wiring, roofing materials burned and the burned remains of a 25 foot x 40 foot building, and a 12 foot x 15 foot building. This is a violation of the Missouri Air Conservation Law and state regulation 10 CSR 10-3.030, *Open Burning Restrictions*. The SWRO issued Notice of Violation (NOV) #10615SW on August 4, 2004.

While investigating the site, the inspector noticed an old real estate sign with Mr. Dean Mitchell's name on the sign. On August 4, 2004, the SWRO inspector called and spoke with Mr. Mitchell. Mr. Mitchell said he had been at the site a couple of days after the fire and Mr. Keirn admitted burning the house and indicated he planned on burning the barn. Mr. Mitchell said he told Mr. Keirn he could not just burn a house.

On September 10, 2004, the Air Pollution Control Program (APCP) mailed, by certified letter, a \$2,000 settlement offer to Mr. Keirn. On September 27, 2004, Mr. Keirn received the settlement offer.

On November 1, 2004, the APCP representative left a telephone message with Mrs. Valerie Keirn, (Mr. Rocky Keirn's wife) to have Mr. Keirn contact the APCP to resolve the issues addressed in the settlement offer letter.

On November 4, 2004, the APCP again left a telephone message with Mrs. Keirn, requesting Mr. Keirn return the call. The APCP called the cellular telephone number listed in the file of NOV #10615SW. During the ensuing telephone conversation, Mr. Keirn adamantly stated he did not start a fire. Mr. Keirn said he is the realtor listing the home for sale and he did some "brush hogging" to help the 70 year old owner. The APCP representative then offered a settlement of \$750 paid and \$1,250 suspended for two years. Mr. Keirn agreed to the suspended amount but would not agree to any paid amount.

On January 12, 2005, the APCP staff contacted Mr. Keirn on his cellular telephone. He agreed to a settlement offer of \$2,000 with \$0 paid and \$2,000 suspended upon condition of no further violations for two years. The APCP representative asked Mr. Keirn to send a fax or written letter confirming his agreement but he said he was reluctant to send a fax or letter. The APCP representative informed Mr. Keirn a written statement agreeing to the terms allowed the APCP to process the memorandum to the Attorney General's Office for the final settlement agreement. He informed APCP staff he would be in touch concerning the faxed or written statement.

On February 10, 2005, APCP staff left telephone messages for Mr. Keirn on his home and cellular telephone informing him the department had not received his written statement. He did not return the telephone calls.

On March 10, 2005, the APCP reached Mr. Keirn on his cellular telephone. The APCP staff summarized the previous telephone conversation and Mr. Keirn stated he might recall the conversation. Staff explained to Mr. Keirn he still needed to fax or mail a statement to the APCP confirming in his own words he agreed to a \$2,000 suspended penalty conditioned on no further violations. Mr. Keirn stated the phone reception was poor and he would have to call the APCP staff back and hung up.

On March 6, 2005, the APCP Referral Review Committee (RRC) reviewed the case and voted unanimously to refer the case to the Missouri Air Conservation Committee. The staff of the APCP also mailed letters to the owner requesting information. The letters received no response.

On March 17, 2005, the APCP staff contacted Mr. Keirn on his cellular telephone to let him know the APCP staff would begin the process of referring the case to the Missouri Air Conservation Commission. Mr. Keirn hung up the phone before the complete information could be given.

In summary, there have been several attempts from the APCP's Compliance/Enforcement Section to encourage Mr. Keirn to reconcile NOV #10615SW. In light of failure to resolve the violation with conference, conciliation and persuasion, the APCP is requesting authority to refer the case to the Attorney General's Office. I recommend approval of this action.

LTM:cjd

c: Paul Vitzthum, Southwest Regional Office

MEMORANDUM

DATE:

TO: Missouri Air Conservation Commission

THROUGH: Daniel R. Schuette, Interim Division Director
Air and Land Protection Division

FROM: Leanne Tippet Mosby, Director
Air Pollution Control Program

SUBJECT: Attorney General's Office Referral Request – Gaines Wrecking Company

On September 18, 2003, and September 19, 2003, representatives from the City of St. Louis, Division of Air Pollution Control (City) conducted site visits at the demolition project sites 4552-56 McMillan, 4558-60 McMillan, and 4600-02 McMillan in St. Louis, Missouri. The investigation disclosed Gaines Wrecking failed to thoroughly inspect for the presence of asbestos containing materials, failed to provide notification to the City at least ten working days prior to the start of the asbestos abatement projects and failed to comply with standards for waste disposal at the asbestos abatement projects located at 4552-56, 4558-60, and 4660-02 McMillan, St. Louis, Missouri. These actions are in violation of Missouri State Rule 10 CSR 10-6.080, which adopts by reference 40 CFR Part 61, Subpart M – “*National Emission Standard for Asbestos.*” Subsequently, the City issued Notice of Violation (NOV) #2120 to Gaines Wrecking to document these violations.

On December 22, 2003, the Missouri Department of Natural Resources’ Air Pollution Control Program (APCP) issued NOV #123SW5 to Gaines Wrecking for failing to comply with asbestos emission control procedures during demolition activities.

On February 24, 2004, the APCP sent a \$10,000 settlement offer letter via certified mail to Mr. Charles Gaines of Gaines Wrecking Company. The letter requested Mr. Gaines to contact the department by March 17, 2004, to discuss a resolution. The department never received the certified card, nor was the letter returned.

On March 26, 2004, the APCP again sent the \$10,000 settlement offer letter via certified mail to Mr. Charles Gaines of Gaines Wrecking Company. The letter requested Mr. Gaines to contact the department by April 23, 2004, to discuss a resolution. Again, the department never received the certified card, nor was the letter returned.

On June 23, 2004, the APCP spoke with Mr. Gaines about the settlement offer letter sent to him. He claimed he was not aware of any such letter but stated he did reply to the City in response to the demolitions on McMillan Street in St. Louis and said he would have them forward the response to the APCP.

On July 13, 2004, the APCP again spoke with Mr. Gaines about his response to the City about the demolitions on McMillan Street in St. Louis, Missouri. Mr. Gaines stated he went to the city and they faxed the APCP the documentation on the demolitions. The APCP never received such documentation.

On August 25, 2004, the APCP again spoke with Mr. Gaines about his response to the City about the demolitions on McMillan Street in St. Louis, Missouri. Mr. Gaines stated the APCP should speak with the City and he would also send a proposal to the APCP pertaining to the violations received.

On numerous occasions, since August 25, 2004, department staff has been unsuccessful in its attempts to contact Mr. Gaines to resolve the above NOV's.

On May 18, 2005, the APCP spoke with the City of St. Louis in regards to any documentation or notification for the demolitions on McMillan Street. The City has never received any documentation from Mr. Gaines.

As of this date, the APCP has been unsuccessful in its attempts to resolve the above NOV's. The APCP is requesting authorization to refer this matter to the Attorney General's Office for appropriate legal action. I recommend your approval of this action.

LTM:svr

Reference Links

[Air Pollution Control Program](#)

[Department of Natural Resources](#)

[State of Missouri](#)

[Air Issues](#)

[Asbestos](#)

[DNR Calendar of Events](#)

[News Releases](#)

Commissions & Workgroups

[Air Program Advisory Forum](#)

[Missouri Air Conservation Commission \(MACC\)](#)

[Missouri Air Conservation Commission \(MACC\) Agenda](#)

Rules

[Rules in Development](#)

[Code of State Regulations](#)

[Missouri Register](#)

[Missouri State Implementation Plan \(SIP\) Summaries and Federally Approved Regulations](#)

Data Systems

[Missouri's Air Quality Data](#)

[Missouri Emissions Inventory System \(MoEIS\) Online](#)

[Missouri Emissions Inventory System \(MoEIS\) Updates](#)

Permits

[Draft Permits on Public Notice, Response to Comments and Final Permits](#)

[Summary of Report of Permits Received and Completed](#)

[Permit Actions](#)



MISSOURI DEPARTMENT OF NATURAL RESOURCES

DEPARTMENTAL OFFICES

Kansas City Area

- Kansas City Urban Outreach Office**
4750 Troost Avenue
Kansas City, MO 64110
(816) 759-7313
FAX (816) 759-7333
- Kansas City Regional Office**
500 NE Colbern Rd
Lee's Summit, MO 64086-4710
(816) 622-7000
FAX: (816) 622-7044
- Department of Energy
Kansas City Plant / DNR - AIP**
2000 E. Bannister Rd.
P.O. Box 410202
Kansas City, MO 64141-0202
(816) 997-5790
FAX: (816) 997-3261

Northeast Area

- Northeast Regional Office**
1709 Prospect Dr.
Macon, MO 63552-2602
(660) 385-8000
FAX: (660) 385-8090
- Mississippi River Project Office**
Wakonda State Park
Rt 1 Box 242
LaGrange, MO 63448
(573) 655-4178

St. Louis Area

- St. Louis Urban Outreach Office**
4030 Chouteau 6th Floor
St. Louis, MO 63110
(314) 340-5900
FAX (314) 340-5904
- St. Louis Regional Office**
7545 S. Lindbergh, Ste 210
St. Louis, MO 63125
(314) 416-2960
FAX: (314) 416-2970
- Franklin County Satellite Office**
Meramec State Park
Hwy 185 S.
Sullivan, MO 63080
(573) 860-4308
- Hazardous Waste Field Office**
917 N. Hwy 67, Ste. 104
Florissant, MO 63031
(314) 877-3250 or 3251
FAX: (314) 877-3254
- Jefferson County Satellite Office**
Eastern District Parks Office
Hwy 61
Festus, MO 63028
(636) 931-5200
FAX (636) 931-5204

St. Louis Area (continued)

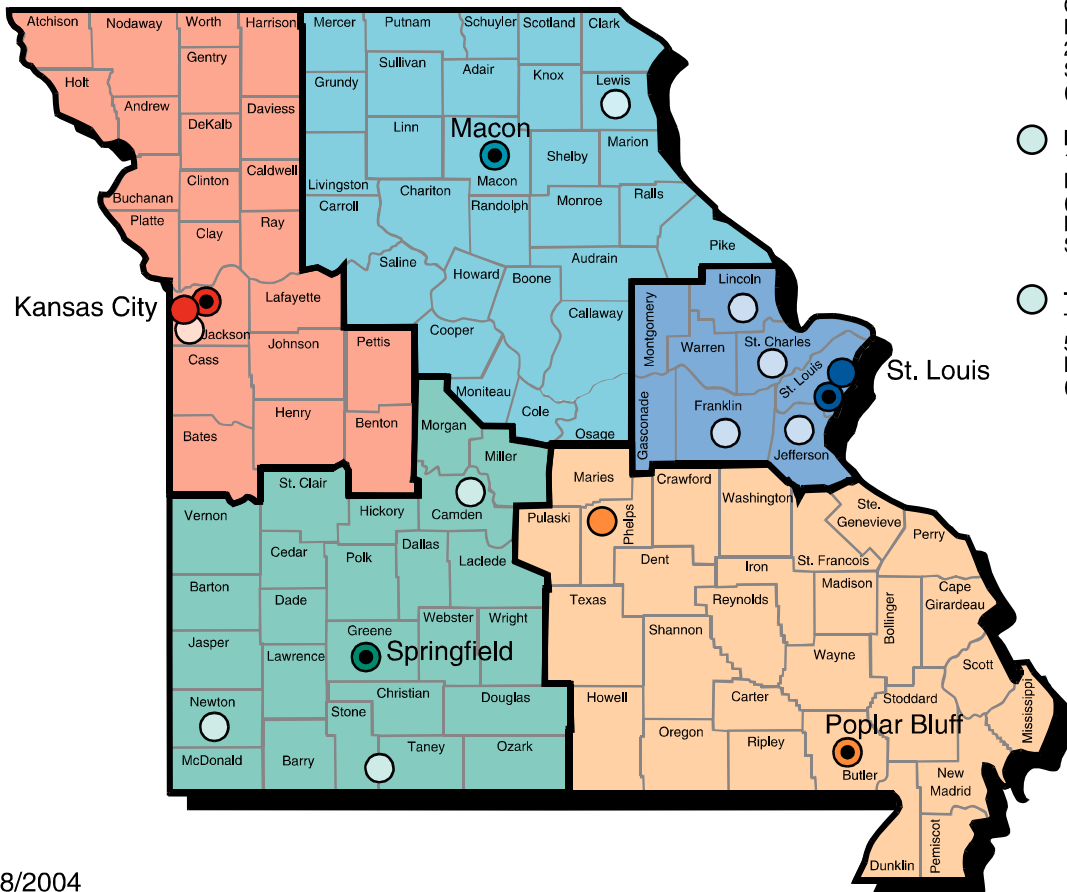
- Lincoln County Satellite Office**
Cuivre River State Park
678 State Rt. 147
Troy, MO 63379
(636) 528-4779

Southeast Area

- Southeast Regional Office**
2155 North Westwood Boulevard
Poplar Bluff, MO 63901
(573) 840-9750
FAX: (573) 840-9754
- Geological Survey and Resource
Assessment Division**
111 Fairgrounds Rd.
P.O. Box 250
Rolla, MO 65402
(573) 368-2100
FAX: (573) 368-2111

Southwest Area

- Southwest Regional Office**
2040 W. Woodland
Springfield, MO 65807-5912
(417) 891-4300
FAX: (417) 891-4399
- Lake of the Ozarks Satellite Office**
Camden County, 5568 A Hwy 54
Osage Beach, MO 65065
Mailing address:
2040 W. Woodland
Springfield, MO 65807-5912
(573) 348-2442
- Neosho / Joplin Area Satellite Office**
1900 S. 71 Highway
Neosho, MO 64850
(417) 455-5155
Mailing address: 2040 W. Woodland
Springfield, MO 65807-5912
- Taney / Stone County Satellite Office**
Table Rock State Park
5272 State Hwy 165
Branson, MO 65616
(417) 337-9732



For more information on
the department, visit
www.dnr.mo.gov
call 1-800-361-4827
or write to
P.O. Box 176
Jefferson City, MO 65102-0176.